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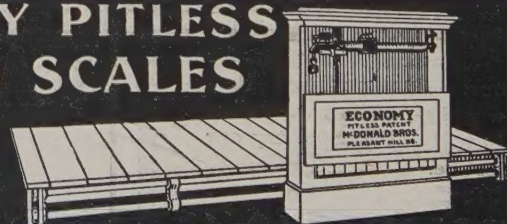
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same number of breaks and reductions. The cost is far below that of the regular two-break custom mills. By a change in cloths it makes a Buckwheat Outfit superior to all others.

Our Catalog tells more.

The Case Manufacturing Company

ELEVATOR SUPPLIES

COLUMBUS, OHIO

SOMETHING NEW.

THE "EUREKA" DOUBLE SHOE COMPOUND MOTION, TWO-FAN SEPARATOR

Is the steadiest running; has greater capacity and has better air separations than any machine on the market. Construction and finish unequalled.



WE BUILD THIS STYLE MACHINE ENTIRELY OF IRON AND STEEL.

The New Improved "EUREKA" Oat Clipper | "EUREKA" Wheat Washing Whizzing and Drying System

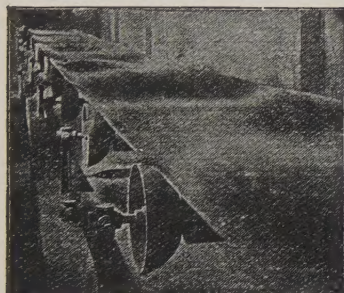
Has greater capacity with minimum shrinkage. Large wide shoe.
Most clipping surface. Built entirely of iron and steel.

Unequaled for efficiency on smutty and off grade wheats.

THE S. HOWES COMPANY Eureka Works, Est. 1856
SILVER CREEK, N. Y.

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GRAIN ELEVATOR MACHINERY.



GRAIN CONVEYOR.

Grain Trippers, Car Pullers, Spouting,
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Pulleys, Gearing, Friction Clutches,
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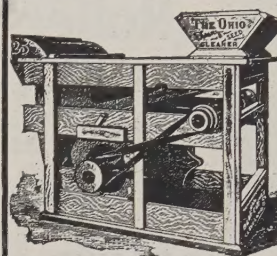
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From 50 to 1,000
Bushels per
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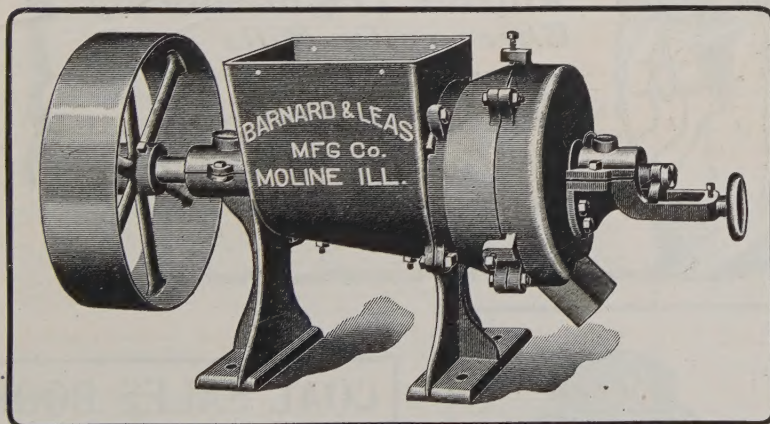
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It will clean any
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grows. Get our
Catalog of Hand
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chines.

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COARSE GRINDING



Barnard's Ear Corn Crusher
Is the Best Machine for This
Purpose on the Market.

This machine is intended to rapidly crush corn and cobs for coarse feed or prepare them for further reduction on buhr stone or other grinding mills.

For convenience in operation, economy of power as well as

strength, simplicity and uniformity and efficiency of work, it has no superior.

We also make Corn Shellers, Separators, Oat Clippers,
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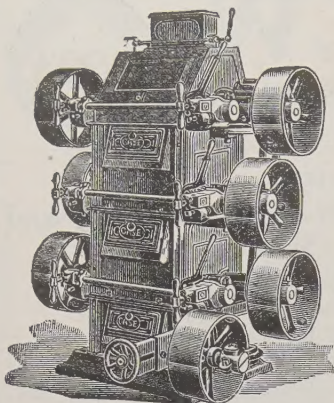
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BUILDERS OF ELEVATORS
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For producing meal it has no equal

Eagle Roller Mills, Greenville, S. C., writes:

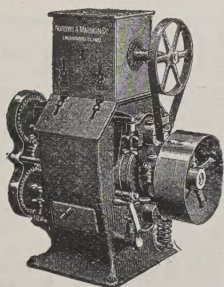
"Our Meal Plant is a perfect success. We make from 500 to 600 bushels of meal in 24 hours, and can't keep up with orders. It looks like we will have to increase the capacity in order to fill our orders."

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3 Roll-2 Break Mill

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For Durability, Simplicity, Large Capacity, Uniform Grinding and Light Running, our Mills are Unexcelled.

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THREE ROLL-TWO BREAK MILLS—2 sizes,
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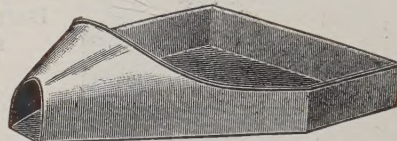
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For Examining Samples of Grain and Seeds



Made of Aluminum. The lightest pan made, will not Rust or Tarnish, always stays bright.

Grain Size, 2 1/4 x 12 x 16 1/2 ins. \$1.25

Seed Size, 1 1/2 x 9 x 11 ins. \$1.00

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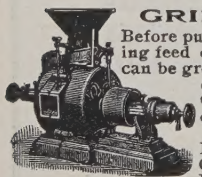
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Before purchasing a mill for grinding feed or meal, or anything that can be ground on a mill, write us for catalog and discounts. Guaranteed and shipped on trial.

Manufacturers of French Burr Mills, Corn Shellers, Crushers, and full line of Flour Mill Machinery.

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EASY TO HANDLE

Willford's Light-running Three-roller Mills

Are not only easy to handle, but grind the most feed for power consumed of any feed grinder made. Send for circulars and prices.

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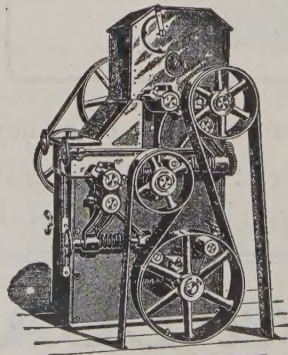
Northways 4 and 6 Roller CORN and FEED MILLS

The Lightest Running Mill on the Market.

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FORM 44.

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It facilitates bookkeeping, and reduces the chance of error. Practically three books in one. 1. It is the original entry of all sales made. 2. It is the original entry on the scale weights. 3. It is the Journal from which the posting is done.

It contains spaces for 6,000 loads. Each page is ruled with column headings, as follows: Date, Ledger Folio, Purchaser, Gross, Tare, Net Pounds, Price Per Ton, Amount.

This book is 8 1/2 x 14 inches and contains 150 pages of superior ledger paper. Each page is numbered. It is well bound with best binder board, covered with cloth, has leather back and round leather corners. Price, \$1.75.

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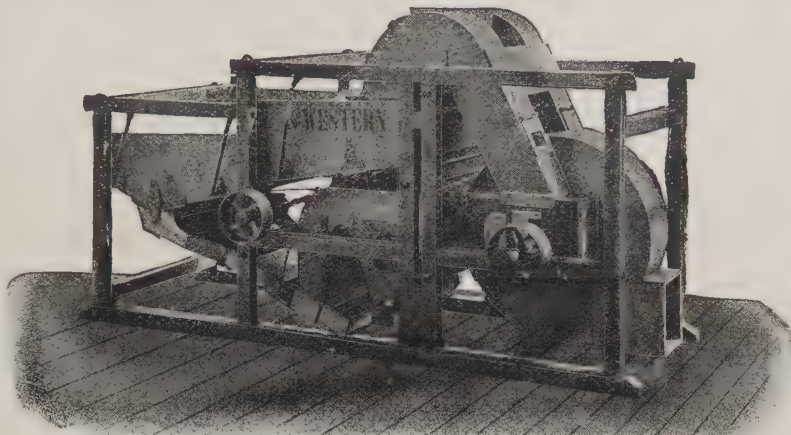
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The "Western" Shaker Cleaner

Adjustable
Screen,
Perfect
Separator,
Perfect
Cleaning,
Duplex
Snake.

Cleans
All Kinds
of Grain.



Separates Corn from Cobs, and Cleans Wheat or Oats Thoroughly.

Strong,
Light,
Econom-
ical,
Durable,
Compact,
Quiet.

Will Not
Rack the
Building.

WE HEREWITH PRESENT A FEW VIEWS OF THIS CLEANER AS OTHERS SEE US

IT GIVES PERFECT SATISFACTION

CHAS. E. GROCE,
GRAIN DEALER.

Elevator at Elmwood.
Elevator at Ashville.
N. & W. R. R.

CIRCLEVILLE, OHIO, March 3, 1902.

Union Iron Works, Decatur, Ill.

Gentlemen:—I have used your Shaker Cleaner in my elevator at Ashville, Ohio, since early last fall, and it has given perfect satisfaction. I have used it only for corn so far, as I have a wheat cleaner, but I will change the elevators in my house this spring, and run everything over the Shaker Cleaner. My corn has been well cleaned this season, with no corn going over into the cob house.

Yours very truly, CHAS. E. GROCE.

IT RUNS WITH MINIMUM OF ATTENTION

M. T. CUMMINGS,
GRAIN.

BEATRICE, NEB., March 8, 1902.

Union Iron Works, Decatur, Ill.

Dear Sirs:—The No. 2½ Western Shaker Cleaner, bought of you, is giving excellent satisfaction, and runs with a minimum of attention. It handles a thousand bushels per hour with ease, and after the corn has passed over it, it is all corn and nothing but corn, and yet a chicken would starve to death on the chaff pile.

Very truly yours, M. T. CUMMINGS.

IT SEPARATES CORN AND COBS THOROUGHLY

BENNETT TAYLOR,
GRAIN.

Elevators at South Raub,
Taylors and Kirkpatrick.

SOUTH RAUB, IND., March 8, 1902.

Union Iron Works, Decatur, Ill.

Dear Sir:—The Shaker Cleaner you put in for me at Taylors Station is giving good satisfaction. It separates the corn and cobs thoroughly, and cleans the corn well. I believe it to be fully as good as any cleaner made, if not the best.

Yours truly, BENNETT TAYLOR.

IT MAKES CORN AND OATS GRADE HIGH

TOMLINSON GRAIN AND LUMBER CO.
Dealers in
GRAIN AND SEEDS, FLOUR AND FEED.

Winchester, Ind.
Harrisville, Ind.
Crete, Ind.
WINCHESTER, IND., April 10, 1902.

Union Iron Works, Decatur, Ill.

Gentlemen:—Since July last year we have been using one of your Shaker Cleaners at our Harrisville elevator for a general purpose cleaner, and it has given entire satisfaction. Since using this machine several cars of oats shipped from this house have graded clipped, and it cleans corn to the highest grade with a minimum loss.

Yours truly, TOMLINSON GRAIN AND LUMBER CO.
Per A. C. TOMLINSON.

IT SAVES THE REFUSE AND CRACKED GRAINS

MILES A. LEACH,
GRAIN DEALER.

CORNLAND, ILL., March 1, 1902.

Union Iron Works, Decatur, Ill.

Gentlemen:—I have been using one of your Shaker Cleaners since I started my new elevator and I must say it is the best one I have ever seen. It does the work thoroughly and a big item is that it saves all the cracked and refuse grain separate from the chaff and dust. I find a ready sale for it at remunerative prices, whereas, if run in with the dust, it is lost. That one feature will buy the cleaner every six months.

Yours truly, MILES A. LEACH.

IT DOES ITS WORK FAST

G. C. WATKINS, President.

A. W. CLARK, Treasurer.

THE CLEVELAND GRAIN CO., INC.

INDIANAPOLIS, IND., April 11, 1902.

A. R. Montgomery, Esq., Decatur, Ill.

Dear Sir:—Your favor of the 10th received. It gives us pleasure to say to you that the "Shaker Cleaner" we bought of you for our elevator at Watkins is giving entire satisfaction. Its simplicity, strength and scientific adjustment make it do its work fast, and well, I consider it the best cleaner on the market.

THE CLEVELAND GRAIN CO., per Gehring.

WRITE FOR FULL DESCRIPTION AND PRICES

Union Iron Works, Decatur, Illinois

Manufacturers of
"Western" Shellers and Cleaners

GRAIN ELEVATOR BUILDERS.

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GOING
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BUILD
?**

IF SO, WRITE US FOR
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GRAIN ELEVATORS

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Made of cast iron, wood or steel. All elevators should have them. Write to WM. W. LOCKWOOD, Winfield, Kan. I also make other novel and up-to-date articles for grain elevators; car pullers, friction clutches, etc.; can prepare your plans, furnish the entire equipment, superintend your work, or contract for the plant complete. Send for catalog.

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Plans and estimates furnished.

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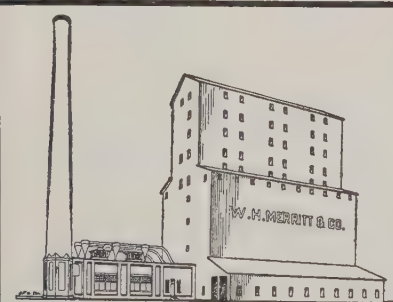
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Contracts taken for all kinds of heavy work. Estimates furnished if desired.
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**Wisconsin Graphite
PAINT**



Perfectly protects
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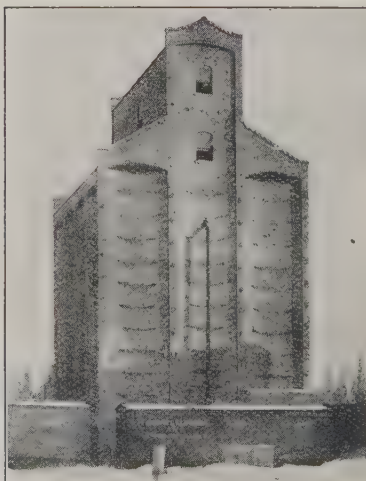
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From corrosion for years. Write us for information as to its covering capacity.

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You will profit by examining my plans of conveniently arranged houses. I study to economize space, labor and power. Complete elevators of any capacity built under one contract.

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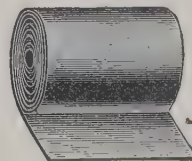
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BRANCHES—Boston; New York; Chicago; Cincinnati; Atlanta; London, Eng.

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We furnished the belting for the Pioneer
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Belting, Buckets, Leads and Boots,
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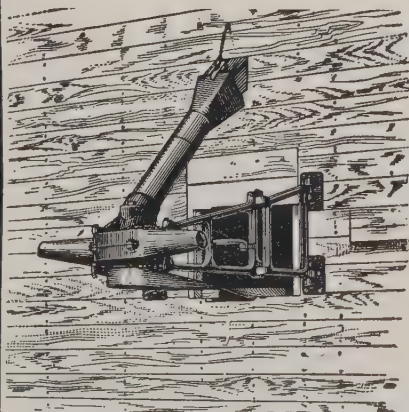
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General Office and Factory,
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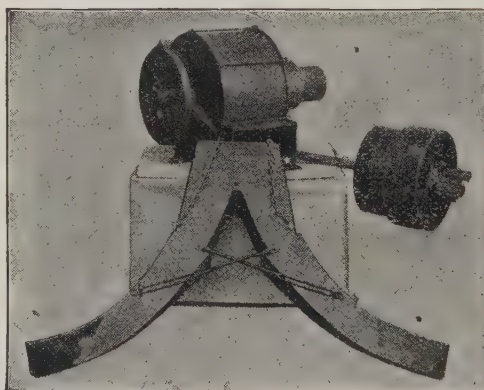
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at once. Sold on a
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MAROA, ILL.Grain Tables
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The tables show the following reductions: (1) OATS at 32 lbs.; (2) OATS at 33 lbs.; [A table reducing oats to bushels of 35 lbs. will be substituted for the 33 lb. table if desired.] (3) BARLEY, HUNGARIAN GRASS SEED and CORN MEAL at 48 lbs.; (4) SHELLED CORN, RYE and FLAXSEED at 56 lbs.; (5) WHEAT, CLOVER SEED, BEANS, PEAS, and POTATOES at 60 lbs.; (6) EAR CORN at 70 lbs.; (7) EAR CORN at 75 lbs.; (8) EAR CORN at 80 lbs.; (9) TIMOTHY SEED at 45 lbs.

The four dockage tables show the dockage on 60 pound Wheat at 1, 2, 3 and 5 pounds dockage. The tables are bound in strong Manila covers. Price, 50 cents. Address

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For Country Buyers is designed to facilitate the work of keeping a record of weights and number of bushels in wagon loads of grain received. Each page is 8 1/2 x 14 inches and at the top of the columns are printed Date, Name, Article, Gross and Tare, Number of Pounds, Number of Bushels, Price, Amount, Bin Number, and Remarks. Each page has spaces for 20 wagon loads and each book contains 100 pages, making each book contain spaces for records of 2,000 loads. The book is well printed on linen ledger paper, ruled in four colors and substantially bound in leather covers.

PRICE - - \$1.25.

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GRAIN ELEVATOR SUPPLIES.

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That will load cars without shoveling.

It is worth its weight in gold.

It will save you in labor all it costs in less than a month.

Send for Prices to

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THE GERBER IMPROVED DISTRIBUTING SPOUTS

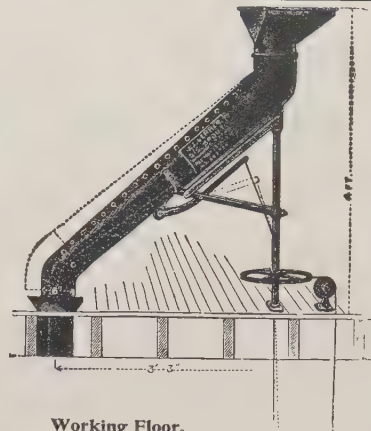
Are in good demand this season,—try one and you will have no other.

Patented May 15, 1900, Feb. 18, 1902.
Beware of Infringement.

Elevator Spouting a Specialty

JAMES J. GERBER

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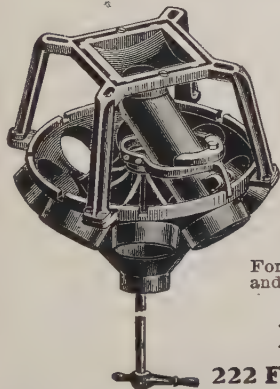


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HAD GOOD RESULTS,

Siebens Bros., Buckley, Ill.: "Discontinue our adv., as we have sold the engine. Have had many inquiries."

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GRAIN DEALERS JOURNAL

255 La Salle St.

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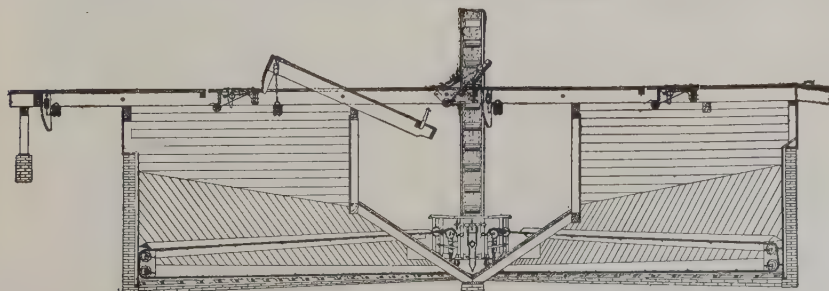


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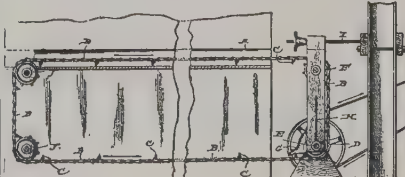
A Constant Grain Feeder Conveying Grain from Three Safety Wagon Dumps to One Stand of Elevators.

Made by B. S. CONSTANT CO., Bloomington, Ill., Designers of
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GRAIN ELEVATOR MACHINERY

OF THE MOST APPROVED KIND

SKILLIN & RICHARDS MFG. CO.

Rope Transmission
Link Belting
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Spiral and Belt Conveyors
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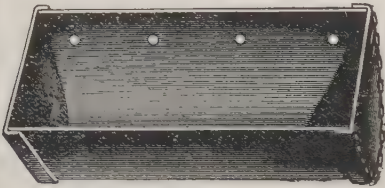
Makers of the **BURRELL ENGINES** For Gas and Gasoline
Strong and Economical

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ELEVATOR BUCKETS

The Fuller Patent Steel Bucket is stronger, will carry more and make better delivery than any other.



MADE BY

Cleveland Elevator Bucket Co.,
Cleveland, Ohio.

BUSHEL VALUES

Shows at a glance the cost of any number of bushels and fractional pounds from 1 to 1,500 bushels, of any kind of grain from 15, 16 cents, up to \$1.04 per bushel.

Bushels are shown in red figures, and values in black. The price per bushel being given at top of value columns.

It is conveniently arranged and easily understood. Printed on good paper and bound in heavy paper cover. Price 50 Cents. Address

GRAIN DEALERS COMPANY
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Vest Pocket Grain Tables

Clark's Vest Pocket Grain Tables reduce pounds to bushels on any number of pounds from 10 to 100,000.

It is printed in two colors, red and black. The red figures show the pounds and the black the bushels and pounds.

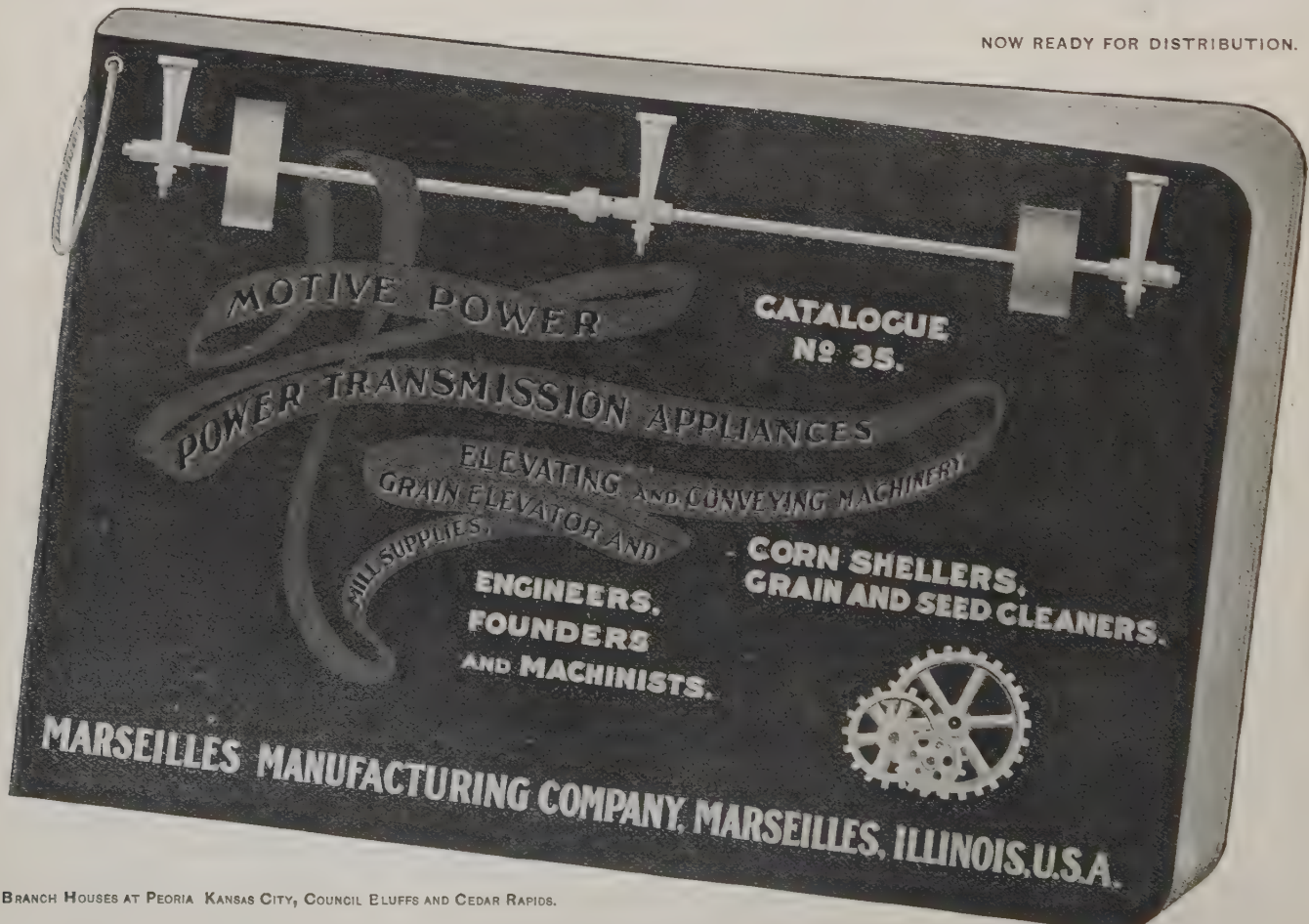
The tables show the following reductions:
Oats at 32 lbs.; Corn, Rye and Flaxseed at 56 lbs.; Wheat, Clover Seed, Beans, Peas and Potatoes at 60 lbs.; Barley and Hungarian Seed at 48 lbs.; Ear Corn at 70 lbs.; Ear Corn at 75 lbs.; Ear Corn at 80 lbs.; Timothy Seed at 45 lbs.

These tables are bound in tough paper and form a thin book, 2 1/4-in. wide by 8 1/4-in. long. Price 50 Cents. Address

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MILL OWNERS
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 Insures Mills, Elevators, Warehouses and
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Reliable Insurance...

on Modern elevators and Contents can be
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 205 La Salle Street, CHICAGO, ILL.
 CHARTERED, 1865 ASSETS, \$2,721,893
 NET CASH SURPLUS, \$469,382.27
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INDIANA MILLERS MUTUAL FIRE INSURANCE COMPANY

OF INDIANAPOLIS, IND.

JAN. 1, 1902.
 Gross Premium Notes.....\$697,501.33
 Surplus to Policy Holders..... 697,351.55
 Dividends Paid Policy Holders..... 238,566.84
 Cash Assets..... 119,924.77

MILLS AND ELEVATORS ONLY PURELY MUTUAL

A liberal policy issued.
 Losses paid when adjusted and NO DIS-
 COUNT demanded. Address,
 E. E. PERRY, Secretary.

Michigan Millers Mutual Fire Insurance Co. of Lansing, Michigan.

21 Years Successful Business.

Assets.....\$958,473.31
 Losses Paid..... 718,556.00
 Net Cash Surplus, 214,743.50

50% DIVIDENDS 1899
 1900
 1901

Insures Flour Mills, Grain and Elevators.

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Special attention to Open Floater Policies
 in the best Stock Companies.
 Insurance follows grain up and down as the
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 WAYS have insurance where you have grain.
 Simple, Sure, Economical. Investigate and you
 will find it absolute protection and cheap.
 Business handled anywhere. Write us.
 M. H. LANTZ & CO., DES MOINES, IOWA.
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Steam Engines and Boilers

Pulleys, Shafting and Hangers.

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is dried and made merchant-
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Hess Pneumatic Grain Drier

cheaper and faster than in any
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It dries other grains
 just as well.

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Gate City GRAIN TICKETS Book No. 51.

This scale book contains 100 pages 8x11½
 inches. Each page contains 5 scale tickets
 and 5 stubs, giving the book a capacity of 500
 loads of grain. Each scale ticket is ruled for
 Number, Date, Load of, From, To, Gross,
 Tare and Net pounds, Net bushels and pounds,
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 Weigher. While the stub is ruled for Hauler,
 Load of, Number, From, To, Weighed, Date,
 Gross, Tare and Net pounds, Net.... bushels,
 pounds, Price, Dollars and Fees.

It is printed on manila paper, bound in
 heavy board covers and pages are perforated
 so that tickets can be removed from book
 quickly and without tearing them.

Book No. 51, Price 75 cents. Address
Grain Dealers Company,
 10 Pacific Ave., Chicago.

GRAIN CONTRACT BOOK

This book is designed especially for country
 grain men to use in taking written contracts
 from farmers. The contracts are numbered
 in duplicate, two on a page, with perforation
 between for easily tearing apart. The stub is
 signed by farmer certifying that he has sold
 bushels of at per bushel
 to be delivered on or before It also
 certifies that he has received dollars
 on the contract. The other part is signed by
 elevator man and given to farmer. It certi-
 fies that the elevator man has bot so much
 grain, etc.

Each book contains 50 contracts, printed on
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You can not afford to be without these con-
 tracts as they insure delivery of grain bot,
 prevent losses and worry in making settle-
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 10 Pacific Ave. Chicago, Ill.

Weevil Killed

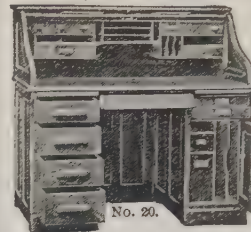
All insects infesting grain or grain eleva-
 tors can be killed by using

"FUMA" BISULFIDE OF CARBON

which is prepared especially for ridding
 grain elevators and mills of these pests.
 If you don't want your grain graded
 "Rejected" on account of weevil, write for
 relief to

EDWARD R. TAYLOR,
 Manufacturing Chemist, - Penn Yan, N. Y.

STAFFORD'S \$19.30 DESK



Fine quarter oak
 front, is finished
 golden, polished
 top and bed, two le-
 gal blank drawers,
 letter file, six all
 wood file boxes,
 hang over front,
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with order, not otherwise. We have others at factory
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 Catalogue No. 174. E. H. STAFFORD & BRO.,
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"The Special Car Mover"

IS PUTTING IT MILD

"The Special Train Mover"

IT SHOULD BE STYLED



SHIPPED ON TRIAL

Does not work on rail and expend its power at nearly
 dead center, but has advantage of full length of
 crank or radius of wheel. Moves a car 6 to 12 inches
 at each stroke on a level track. Price \$5.00
 F. O. B. Sac City, Iowa. Shipped C. O. D., subject
 to 10 day's trial and acceptance.

THE CONVEYOR CAR LOADER

Leads in its line. Shipped on trial.

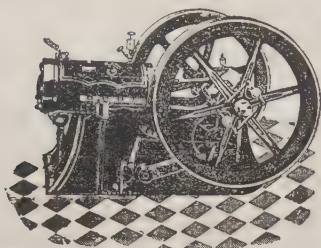
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and Storage System is the best and cheapest ear
 corn and small grain storage. Grain dealers, feed-
 ers and farmers plants solve the problem of crib-
 bing ear corn, etc., without shoveling. Attracts
 the most profitable part of the business. Write
 for full particulars.

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Power for Every Class of Work.



The Waterloo Gasoline Engine Co. Waterloo, Ia.

Branch Houses: David Bradley & Co.,
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PEERLESS
GASOLINE ENGINES
2 to 60 H. P. Single and Double.
NORTHERN ENGINEERING WORKS.
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"Lambert" Portable Engine
Gas or Gasoline.
Best power for farming and
threshing. No flame or sparks to
set fire to crops or barn. Easily
moved, reliable, economical.
Enlarged cylinder capacity
gives greatest amount of power.
Iron mounted on strong frame.
Stationary also. Agents wanted. Write for illustrated catalog.
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THE MERTES-MILLER CO.,
Manufacturers of
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Dealers in Second-Hand Machinery.
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are sweeping every-
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Prices are right. Ask
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QUINCY, ILL.
Live Agents are Mak-
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Can you get anything better?

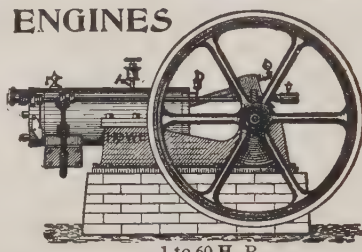
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Grain Testers, Grain Scoops, Bag Holders, Car
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The Ball-Bearing Scale.



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Wagon, Dump, Hopper
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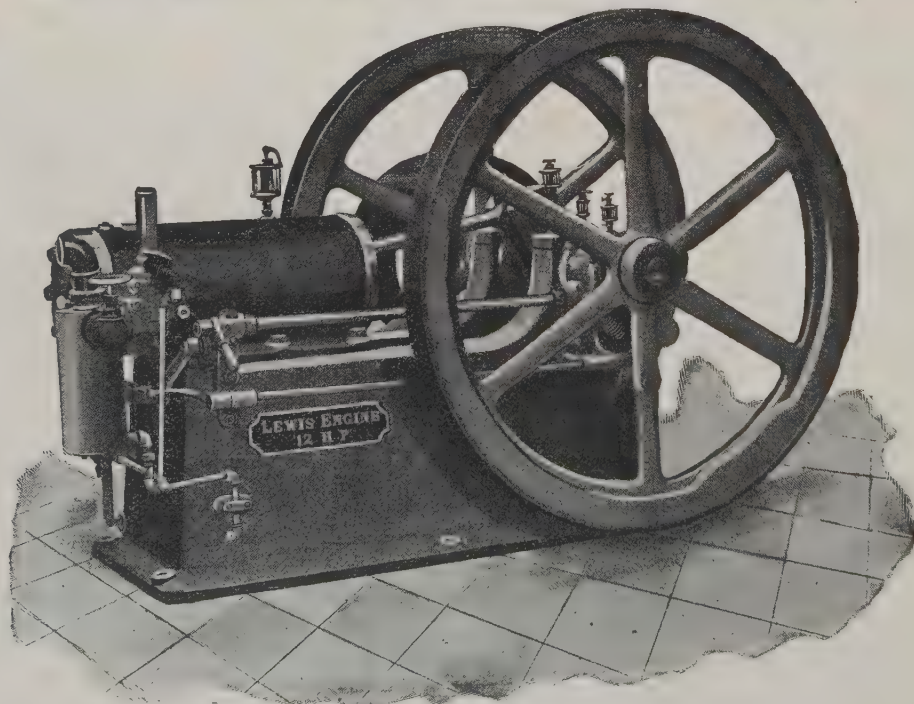
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Gas Engines**
For Gas or Gasoline. Sizes 5 to 80 H. P.
NEW ERA IRON WORKS,
86 Dale Avenue, DAYTON, OHIO, U. S. A.

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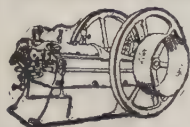
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Is the Engine**that takes the prize in
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Our judges are the**Wide Awake Public**who know a good thing
when they see itTHE PEOPLE who
use gasoline have long
ago become convinced
there is no Engine
equal to**THE LEWIS**

for

**SMOOTH RUNNING,
DURABILITY and
GENERAL
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THE BAUER GASOLINE ENGINE



Is better adapted to the needs of the grain elevator man than any other.

WRITE FOR DESCRIPTION.
Bauer Machine Works,
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Burger Automatic

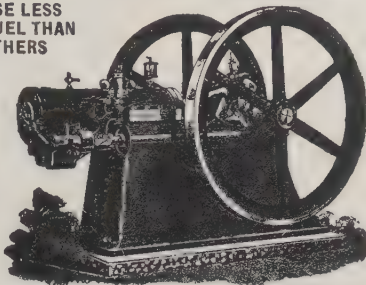
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In mechanical construction, so when buying one for your elevator don't stop short of the best. Write us today.

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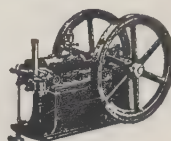
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USE LESS FUEL THAN OTHERS



E. L. GATES MFG. CO.
34-36 So. Canal St. CHICAGO, ILL.

BRUNNER ELEVATOR ENGINE FOR GRAIN ELEVATORS.



From 1 to 30 H. P.

Write for descriptive circular.

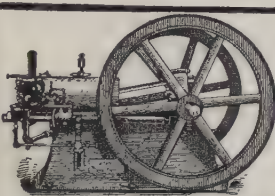
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MFG. BY LENNOX MACH. CO.
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WRITE FOR CATALOGUE

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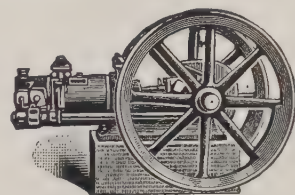


Gasoline Engines

Especially adapted for elevator use.
Fremont Foundry & Machine Co.,
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Not only is the POWER OF EACH OTTO

ENGINE carefully determined and fully guaranteed, but the test covers fuel consumption as well. Every bearing is watched and must run smooth and cool under load. Before the engine leaves the test-stand it must give a perfect record in every way, and when it reaches the purchaser's hands it is ready to WORK. Our ASSURANCE on these points is worth something to the buyer.



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Operators of gasoline engines who encounter difficulties in the care or operation of gas and gasoline engines will find each of the following books of great assistance.

THE PRACTICAL GAS ENGINEER,
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by E. W. Roberts, Price, \$1.50.

For any of the above address,

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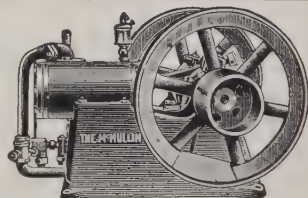
THE CHEAPEST POWER PLANT ON EARTH

Is the Gasoline Engine. Learn something to your advantage about

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The Practical Gas Engineer

By E. W. LONGANECKER, M. D.

A manual that tells what a Gas or Gasoline Engine is; How to Purchase a Gas or Gasoline Engine; How to Install the Engine; How to Operate it; How to Care for it; What to do when it gets Stubborn, and How to do it. In short, just how to handle it successfully and all about it.

This book contains all the practical points needed by a purchaser, owner or operator of a Gas or Gasoline Engine. The book contains 130 pages, and every paragraph is numbered.

The index is complete, occupying thirteen pages. In it every point regarding Gas and Gasoline Engines is listed alphabetically. The page and paragraph numbers are given which enables the user readily to find the information desired.

This book is just out and is strictly up-to-date. You can not afford to be without it. It is of convenient size, printed on book paper and neatly bound in cloth.

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Can you afford to do this?



Well then, you can't afford to be without a "Gas" Gasoline Engine. The Carl Anderson Company of Chicago, make 'em.

The Gas and Gasoline Engine and Its Age

By NORMAN & HUBBARD

Is a practical hand-book of questions and answers on any difficulty that may arise in the care, management and operation of a Gas or Gasoline Engine. It is a reference book for users and those contemplating the purchase of a gas or gasoline engine.

It gives a historical review of the growth of the gas and gasoline engine and the features that are essential to the good working of a gas or gasoline engine. It gives a long list of questions and answers which are invaluable to users, describes an indicator, the pounding of engines, precautions in running a gas engine, etc. It also gives a description of nearly all the prominent makes of American engines, besides a very complete set of rules and tables, which are invaluable to operators of engines. This book is of convenient size, well bound in cloth covers, printed on book paper, and profusely illustrated. Price \$1.00.

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The CLIPPER

Stands without an equal for the economical and successful cleaning of all kinds of Grain, Flax, Timothy, Clover and all fine seeds, also for Beans, Peas and Corn.

Our machines require a small amount of power, and the quality of their separations have not yet been equaled by any Cleaner.

A TESTIMONIAL.

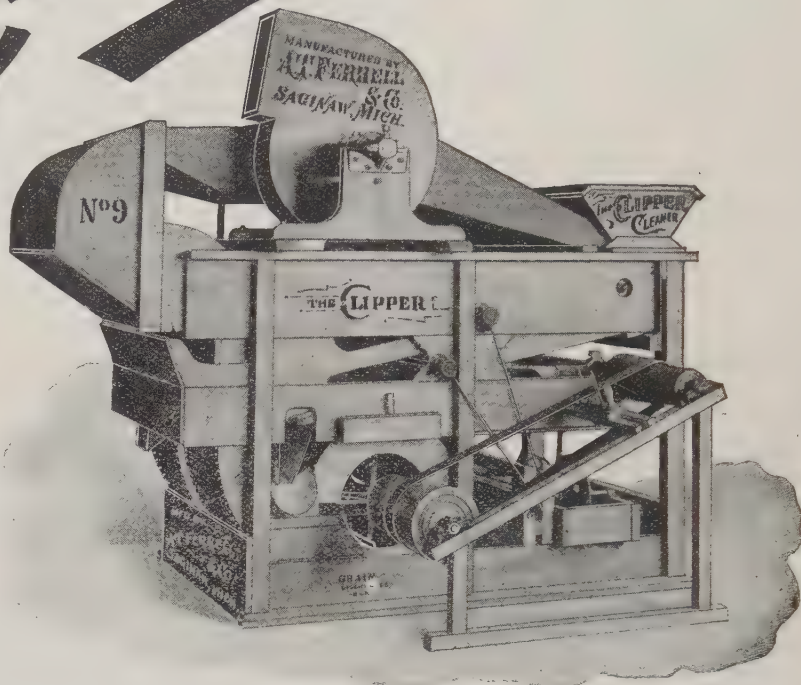
Chicago, May 3, 1902.
A. T. FERRELL & COMPANY,
Saginaw, Mich.

Gentlemen:—We have your favor of the 2d inst. regarding the four Special No. 9 Traveling Brush Cleaners, which we purchased from you last year. Will say that these machines are giving very good satisfaction and we are very much pleased with them.

Yours truly,
(Signed) ARMOUR GRAIN COMPANY.

Our Sample Plate of perforations mailed upon request. Write for catalog.

A. T. Ferrell & Co.,
SAGINAW, MICH.



No. 9 Special Cleaner with Traveling Brushes, Special Air Controller and Dustless Attachment.

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**STRENGTH
DURABILITY &
ECONOMY**

CARTON CONVEYOR BELTS

Have no equal for Conveying or power transmission.

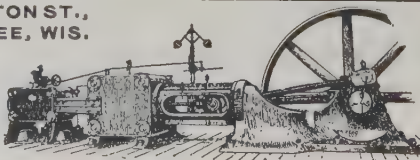
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THE VILTER MFG. CO. 836 CLINTON ST.,
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IMPROVED
Corliss Engines

BOILER, HEATERS, and PUMPS.
"EASY" CAR PUSHER, \$5.00
Perfect device. Order one on trial.



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The rate for Advertisements in this department is 15 cents per line each insertion.

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TWO good elevators in central Illinois grain belt for sale. Address Postmaster, Lodge, Ill.

GRAIN warehouse for sale; facilities for feed grinding; good location. Box 516, Whitewater, Wis.

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A SMALL combination line of lumber, grain elevator and implement business. Address Box 543, Sioux City, Ia.

A GOOD elevator and coal and machinery business for sale at Artesian, S. D. Address A. R. T., box 8, care Grain Dealers Journal, Chicago.

ELEVATOR in good grain town in west. O., 25,000-bu. cap.; gas engine, shell-er, all modern machinery. S., box 8, care Grain Dealers Journal, Chicago.

IOWA 20,000-bu. elevator in good town; steam power, roller and burr mill; machinery business in connection. Address R. R. Smith, Traer, Ia.

FOR SALE—A nice line of elevators in central Illinois. These will be sold at a bargain if taken soon. Write at once. Aaron Smick, Decatur, Ill.

HAY OR GRAIN location is offered at Remington and Wolcott, Ind., where I have for sale three hay barns at a bargain. Write Good Chance, 72 Traders bldg., Chicago, Ill.

ELEVATOR in northeastern Kansas for sale. Both wheat and corn territory; only elevator in the town; 20,000 capacity; price, \$3,000. Address John G. West, Topeka, Kan.

ELEVATOR and feed mill in northeastern Kansas for sale. Good shipping point for wheat, corn and oats; gasoline power. Address N. B., box 11, care Grain Dealers Journal, Chicago.

GASOLINE ELEVATOR, Mitchell, S. D., cheap; a bargain for some one. Excellent town to live in, excellent schools, etc. Surrounding country settling up very fast. Address Jacob Siberz, Ethan, S. D.

ELEVATOR, coal business and residence in Clay Co., Neb., for sale. Average distance to the 5 nearest towns $9\frac{1}{2}$ miles. Address B. C., box 11, care Grain Dealers Journal, Chicago.

ELEVATORS at a few good points for sale; at Virden, Cantrall, Athens, Bates, Loami, Curran, New Berlin, Island Grove, Dawson, all in Illinois. Also at Arapahoe, Neb. Ask for particulars. E. R. Ulrich & Sons, Springfield, Ill.

ON ACCOUNT of poor health, I offer my 22,000-cap. elevator for sale at a bargain. Never handle less than 100,000 annually. Located in Lac qui Parle Co., Minn., crop failure unknown. Address Ship, box 6, care Grain Dealers Journal, Chicago.

ELEVATORS FOR SALE.

ELEVATOR and 360 frontage on side track at Mt. Carroll, Ill., for sale to close estate. Capacity 40,000 bu.; gasoline engine and dump. Good opening for right man. For particulars inquire of N. H. Halderman, Mt. Carroll, Ill.

NORTHEASTERN KANSAS elevator for sale with flour, feed and coal trade and fine chance for stock. New. A corn country. Chance for one with small capital; balance on easy terms. Correspondence invited. Address Dewey, 72 Traders bldg., Chicago.

FORTY thousand-bu. elevator in the corn belt, for sale. In good repair; new 12-h. p. Fairbanks Gas Engine; 5 town lots; office; scales; corn crib; coal house, and residence in good business town with good school and church. C. H. Whitaker & Son, Ellsworth, McLean Co., Ill.

ELEVATOR AND CORN MILL, a combined plant, in So. Kan. Price, \$6,500; will sell all or half interest for all or part cash, balance easy terms. Two railroads. Crop, wheat, oats and corn; conditions now 100 per cent. Address for particulars Maize, box 8, care Grain Dealers Journal, Chicago.

ELEVATOR located on H. & D. Division of C. M. & St. P. Ry., 70 miles west of Minneapolis, for sale. Capacity, 14,000. Gasoline engine; also good machine house. This is well located, large territory well settled; price, \$2,500. Apply Geo. C. Harper, 418 Corn Exchange building, Minneapolis, Minn.

FOR SALE OR EXCHANGE for land; good elevator and business. Elevator cap. 10,000; feed and meal mill attached; handle livestock, hay, grain, wool, field seeds, salt, R. R. ties. Good retail trade. Good crop prospects; no competition. Wish to retire. C. N., box 10, care Grain Dealers Journal, Chicago.

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MICHIGAN, 8,000-bu. elevator on Grand Trunk with switch to L. S. & M. S., in one of the richest farming sections of the state. Good coal sheds in connection; price, \$1,750. Also another elevator which can be run in connection, 8 miles distant, with no machinery. Price, \$500. Am selling on account of dissolution of partnership. Address Bunt, 72 Traders bldg., Chicago.

FOR SALE—The Capital Elevator at Topeka, Kas., 300,000 bushels' capacity; 3 sets track scales; 2 Hopper scales. Corn sheller, cleaner, wheat cleaner, scourers and separators. Fully equipped for all kinds of work. Situated on the Union Pacific, Rock Island and Santa Fe R. R.'s, with abundance of side tracks and everything complete for carrying on a large wholesale business. Tributary to fully $\frac{1}{2}$ the state of Kas. and part of Nebraska. For further particulars address I. H. French & Co., Champaign, Ill.

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ELEVATOR in one of the best towns of Indiana. Crop prospect never better. Good reasons for selling. Address B. P., box 11, care Grain Dealers Journal, Chicago.

INDIANA elevator for sale, on the Wabash R. R.; capacity of 30,000 bu.; 40 horse steam power; 4 stands elevators; 3 dumps; Western Sheller and Cleaner; all in good repair. Handles 360 cars grain annually; grain bought with good margin. Price, \$8,000 cash; no trades considered. Good reasons for selling. Address Lock Box 216, Lebanon, Ind.

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WANTED to lease, an elevator. Give particulars. Box. 395, Celina, O.

WANTED—You to list your elevators with me. Have cash buyers. Aaron Smick, Decatur, Ill.

WANTED—I to 4 elevators, central Ia., Ill. or western Ind. handling not less 500,000 bu. a year. Robert Bell, Fowler, Ind.

ONE of our customers wants to buy one or two good elevators in corn and oats district. Bassett Grain Co., Indianapolis, Ind.

WANTED TO BUY: 3 to 5 elevators, doing good business, in northwestern Iowa or southeastern So. Dak. Address N. T., care Merchants National Bank, Sioux City, Iowa.

WANTED to buy good country elevators in western Ohio, Indiana, or Illinois. Please give full particulars. Address G., box 11, care Grain Dealers Journal, Chicago.

WANTED to buy or exchange, good Neb. land for one or two good elevators, that will handle at least 100,000 bu. annually. Can handle stock in connection. Kreitman Bros., Omaha, Neb.

TO EXCHANGE, for elevator in Ia. or Minn., $\frac{1}{4}$ sec. unincumbered land in good county of Kan.; price, \$2,200. Would put in \$1,000 cash for right plant if necessary. Address Lock Box A, Minburn, Ia.

IF you want to sell your elevator, advertise it in the "Elevators for Sale" column of the Grain Dealers Journal. This will place your property before all probable buyers and insure your getting a good price for it.

ELEVATORS WANTED. If you wish to sell or lease your elevator, list same with us. It costs nothing unless sale is made, and then only \$1 for each sale resulting. Elevator Agency, 72 Traders bldg., Chicago, Ill.

ELEVATORS FOR RENT.

WELL ESTABLISHED grain and storage business in large city for sale to party who can rent warehouse and elevator for term of years. Place well equipped with feed, grain mill, cleaner and dryer. Storage capacity about 75,000 bushels. Apply to F. W. Weeks, box 551, Houston, Tex.

GRAIN DEALERS' EXCHANGE.

The rate for Advertisements in this department is 15 cents per line each insertion.

ENGINES FOR SALE.

STEAM portable engine of 12-h. p. For condition and price write to Rhinehart Smith, Sidney, O.

SECONDHAND GAS and gasoline engines bought, sold or exchanged. J. M. Johnston, 217 Lake st., Chicago.

ONE second-hand tubular boiler, 16 ft. by 52 in. Price, \$100 f. o. b. cars Kempton. M. J. Lee & Son, Kempton, Ind.

STEAM, 25-h. p. engine, in good shape; for sale cheap. Address Eschenburg & Dalton, 169 Jackson-st., Chicago.

SECOND-HAND Lewis gas or gasoline engine, No. 15, 20-h. p. in good shape. Rider Grain Co., Kentland, Ind.

THREE 6-h. p. Bauer gaso. engines, \$200, \$240, \$250, in A1 condition, the last used only 60 days. Bauer Mch. Wks., Kansas City, Mo. Catalog free.

TWENTY gasoline engines for sale, 6 Ottos, 2 Fairbanks-Morse, 12 Dayton. Write for catalog 326. Chicago House Wrecking Co., West 35th and Iron sts., Chicago.

CENTER CRANK ENGINE for sale; 14x16; manufactured by the Erie City Iron Works; rated at 70 h.p.; used about 4 years; in first-class condition. Inquire Iron Elevator & Transfer Co., Buffalo, N. Y.

SECOND-HAND gasoline engines cheap; 30-h.p. Webster, \$600; 12-h.p. Fairbanks-Morse, \$350; 15-h.p. Chicago, \$375; 7½-h.p. Fairbanks-Morse, \$275; 4-h.p. Fairbanks-Morse, \$190; 6½-h.p. Webster, \$250; new 16-h.p. Dayton, \$550; f. o. b. cars Chicago. A. H. McDonald, 36 W. Randolph-st., Chicago.

FOR SALE—Secondhand gasoline engines, 1 to 50 h. p. Why buy new engines when we sell slightly used and guaranteed at one-half original cost? We have all makes and all sizes. Write us, stating your needs. Price Machinery Co., 507 Great Northern bldg., Chicago, Ill.

ONE 12-h. p. Ideal Balance Valve Horizontal Steam Engine, 7 in. bore, 10 in. stroke, weight 1,800 lbs., complete with lubricators. Price, \$140. One h. p. horizontal steam engine, center crank, 6 in. bore, 8 in. stroke, weight 700 lbs., complete with lubricators. Price, \$100. J. Thompson & Sons Mfg. Co., Beloit, Wis.

GASOLINE engines for sale: 25-h. p. Charter, 12-h.p. Charter, 6-h.p. Charter, 17-h.p. New Era, 10-h.p. Otto, 8-h.p. Pierce, 4-h.p. Pease, 3-h.p. White; No. 1 Willford 3-roller Mill, No. 2 Willford 3-roller Mill; 4-roller Mill; 2-h.p. marine engine and boiler; 7x10 steam engine and 20-h.p. boiler; 35-h.p. steam engine and 60-h.p. boiler. C. D. Holbrook & Co., Minneapolis, Minn.

ENGINES FOR SALE: One 25 horse steam engine, old style but in good running condition, with modern stop motion governor, 60-inch band wheel, lubricator and ready for business without expense. One double cylinder gasoline engine 15 horse power, in good repair. Both for sale cheap. Crabbs & Reynolds, Crawfordsville, Ind.

ENGINES FOR SALE.

ONE 34-h. p. Fairbanks gasoline engine, practically new, \$600; one 28-h. p. Fairbank's gasoline engine, \$500; one 18-h. p. Olds' gasoline engine, \$375; one 15-h. p. Olds' gasoline engine, \$325; one 15-h. p. Webster gasoline engine, \$425; one 12-h. p. Webster gasoline engine, \$400; one 10-h. p. Webster gasoline engine, \$375. The Webster engines are the latest improved. For sale by Allen P. Ely & Co., Omaha.

ENGINES FOR SALE.

17 & 29x22 stroke, Williams Auto. Tandem Compound.
16x42 Reynolds Corliss, r. h., with heater and boiler feed pump.
12x24 slide valve.
5¼x10, two-cylinder, belt driven Deane Pump.
7½-h. p. Otto Gasoline.
15-h. p. vertical gasoline.
W. S. McKinney & Co., 204 Dearborn-st., Chicago.

ENGINES WANTED

WANTED to buy a good secondhand 12 or 14-h. p. gasoline engine. Address J. F. Disher, Mendon, Mercer Co., Ohio.

GRAIN FOR SALE.

WHITE WHEAT in carloads, if needing write Sam Williamson, Salt Lake City, Utah. Address telegrams "Williamson," Salt Lake City, Utah.

COW PEAS for sale. There is no crop sown that will produce more tons of feed suitable for all kinds of farm live stock than cow or stock peas and in addition they are worth cost as a fertilizer to the soil. Send for our circular "Forage." W. H. Small & Co., Evansville, Ind.

CORN TABLES FOR CORN AND RYE

Shows the value of any number of pounds from 100 to 60,000 pounds of corn and rye at 56 pounds per bushel at 10, 11, 12 and up to 49 cents per bushel.

The weight in pounds is given in dark-faced figures at the left side of the page and across the top. In the left-hand sides of the columns of light-faced figures is found the weight in bushels and pounds; to the right of these figures is the value in dollars and cents.

By the use of CORN TABLES, the grain buyer does away with the use of tables designed ONLY for reducing pounds to bushels. Thus having before him at a glance both the weight in bushels and pounds and the value in dollars and cents.

Forty additional pages are given for ear corn at 70 pounds per bushel and perform same work as above. At end of book are six pages for use in buying corn at 72, 75 and 80 pounds to the bushel, with complete and simple instructions as how to use them.

The size of the book is 7x10¼. It is printed on good book paper and well bound in substantial cloth covers. Price \$1.25.

FOR SALE BY

GRAIN DEALERS COMPANY
255 LaSalle St., CHICAGO, ILL.

MACHINES FOR SALE.

ONE L No. 1 Scientific Feed Mill, good as new, for sale cheap. Box 48, Cedarville, O.

No. 4 Bowsher Grinder with elevator, for sale at a bargain. New. R. E. Hardy, 1601 Military-st., Port Huron, Mich.

A CORN, oats and wheat cleaner of large capacity; a bargain; 10 days' trial. B. S. Constant Co., Bloomington, Ill.

METCALF Bifurcated Car-Loaders for sale; bargain, secondhand. T. V., box 6, care Grain Dealers Journal, Chicago.

ONE No. 5 Eureka Oat Clipper for sale. Never been run but little; as good as new. Box 17, Cerro Gordo, Ill.

A GOOD FEED MILL for sale at a reasonable price. It is in fine condition. Address Eschenburg & Dalton, 169 Jackson-st., Chicago.

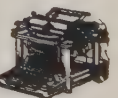
ONE No. 4½ Combined Western Corn Sheller; 1 No. 3 Dickey Cleaner; 1 Marquis Corn Feeder. For condition and price write to Rhinehart Smith, Sidney, Ohio.

WANTED—Grain elevator men who want grain handling machinery of any description, new or second-hand, can get their wants promptly supplied by advertising them in this department.

OAT CLIPPER for sale, No. 9, latest improved Monitor, never been run. Or exchange for feed mill with capacity of 5 to 7,000 lbs. per hour. Address Clipper, box 7, care Grain Dealers Journal, Chicago.

ABOUT 150-ft. Jeffrey Chain Conveyor, suitable for an ear corn drag or for conveying small grain either from dump or from storage bins. For further particulars and price write to Churchill & Co., Buffalo, N. Y.

WE SAVE YOU 50%
Have all makes of typewriters, many as good as new. Lowest prices and strongest guarantee. We rent, buy, sell or exchange machines. Sent on approval, one month's rent to apply on purchase. Write for Catalog 3. E. H. STAFFORD & BRO., 18-20 East Van Buren Street, Chicago.



STEEL ROOFING

Strictly new, perfect, Semi-Hardened Steel Sheets, 2 feet wide, 6 feet long. The best Roofing, Siding or Ceiling you can use. No experience necessary to lay it. An ordinary hammer or hatchet the only tools you need. We furnish free with each order sufficient paint and nails. Comes either flat, corrugated or "V" crimped. Delivered free of all charges at the following prices

TO ALL POINTS IN

INDIANA, ILLINOIS,
WISCONSIN, MICHIGAN,
OHIO, IOWA, WEST
VIRGINIA.

Per Square, \$2.25.

PENNSYLVANIA, NEW
YORK, NEW JERSEY,
MARYLAND, KENTUCKY,
MISSOURI, MINNESOTA,

Per Square, \$2.50.

Prices on other States on application.

A square means 100 square feet. Write for free catalogue No. 326

CHICAGO HOUSE WRECKING CO., W. 35th and Iron Sts., Chicago

SOLD ENGINE THRU AD.

John H. Doyle, Longview, Ill.:
"Please discontinue my advertisement in the Grain Dealers Journal, as I have sold my engine thru the ad., and could have sold one-half dozen engines if I had them."

GRAIN DEALERS' EXCHANGE.

The rate for Advertisements in this department is 15 cents per line each insertion.

SITUATIONS WANTED.

POSITION wanted. References given if desired. E. S. Craft, Lewis, Kan.

POSITION wanted. Have had seven years' experience in the grain and coal business. Good reference. Address Maurice Garrison, Afton, Ia.

POSITION WANTED—Bookkeeper with experience in grain, lumber & milling business; ref. and bond. S. L., box 10, care Grain Dealers Journal, Chicago.

POSITION wanted as superintendent of large elevator by competent man of experience. References. Address C. H., box 11, care Grain Dealers Journal, Chicago.

POSITION wanted in country elevator as buyer and elevator man. Three years' experience and best of reference. Address O. W. L., Box 2, care Grain Dealers Journal, Chicago.

WANTED—Situation as traveling man for grain firm; thoroly acquainted with eastern and Texas milling trade. Best of references. Address H. M., box 11, care Grain Dealers Journal, Chicago.

POSITION as bookkeeper and office man; three years with present employers. Good reasons for wishing a change. Can furnish good references. Address B. L., box 10, care Grain Dealers Journal, Chicago.

HELP-WANTED advertisements invariably bring twenty times as many replies as any other. If you want help, advertise in The Grain Dealers Journal and you will have a large number of applicants to select from.

POSITION wanted, to operate an elevator, by a man having 10 years' experience in Iowa, Neb. and Kan. Can use any kind of power, also do all kinds of repairing about an elevator. L. L. Hough, 311 S. 7th st., Atchison, Kan.

STEADY position as grain and stock buyer. Handy with accounts. Want place with plenty to do the year around. Good judge. Will furnish references, and bond if desired. Address, K., box 10, care Grain Dealers Journal, Chicago.

SITUATION WANTED as the western representative of eastern grain buyer. Long experience, large acquaintance in my territory. References furnished. Only good firms need answer. Address Buyer, box 11, care Grain Dealers Journal, Chicago.

WANTED—By a young man of good habits, 28 years old, with five years' experience in grain and milling business, a position in office work or traveling. Can furnish best references from previous employers. Address W. W., Box 11, care Grain Dealers Journal, Chicago.

A YOUNG MAN, experienced in office details of a country elevator, and buying, receiving, selling and shipping grain, desires a position (Indiana or Illinois preferred). Best of references from present employers. Address S. G. care Caldwell, Barr & Co., Earl Park, Ind.

SITUATIONS WANTED.

POSITION wanted with good reliable grain commission firm. Can control \$5,000 to \$10,000 commissions per annum. Address H. C., box 11, care Grain Dealers Journal, Chicago.

WANT TO REPRESENT in Michigan large firm who are buyers of Michigan grain. Ten years' experience in cash grain business; five years' traveling buyer. For full particulars address B. Z., box 11, care Grain Dealers Journal, Chicago.

SCALES FOR SALE.

SCALES, 2d-hand, all sizes, also new ones cheap. Chicago Scale Co., Chicago.

SIXTY-bu. hopper scale for sale. A. F. Chase & Co., 215 3d-st., So. Minneapolis, Minn.

FLOOR SCALE for sale, Fairbanks, capacity 5,000 lbs, platform 4 ft square. Mattoon Elevator Co., Mattoon, Ill.

THREE 40,000 capacity Fairbanks Hopper Scales, good as new. We found it necessary to replace them with larger scales and will sell at a great sacrifice. Address J. F. Harris & Co., Burlington, Ia.

SCALES WANTED.

SCALES not in use can be sold quickly and at small cost by advertising in our department, "Scales for Sale."

MISCELLANEOUS FOR SALE.

OHIO Township Officers Directory now ready. R. S. Strader, Columbus.

THE best established engine, automobile, launch and machinery business, for sale. C. M. Baker, Sioux City, Ia.

CORN CRIB VENTILATORS, adjustable, fit any crib, reduce liability of deterioration to a minimum, the invention of N. S. Beale, Tama, Iowa. Write for particulars.

ILLINOIS & MICH. farms for sale to settle up an estate; terms 1/2 cash; Medora, Ill., 120 acres, \$60. Shipman, Ill., 196 acres, \$40. Osceola Co., Mich., 240 acres, \$5. E. R. Ulrich & Sons, Springfield, Ill.

MILLS FOR SALE.

FIFTY-bbl. roller mill and elevator, all up to date, in gas town on Mo. P. Ry. 75 miles from Kansas City. Mill and engine room stone; elevator frame. Price, \$6,500; good reasons for selling; a snap for some one. Greeley Milling Co., Greeley, Kan.

HELP WANTED.

* WHEAT SALESMAN wanted, for a large firm, to sell the eastern millers. Must have experience and acquaintance. Address Central, box 11, care Grain Dealers Journal.

TRAVELERS who call on country grain dealers can easily make something on the side and at the same time promote their regular business. Address Side Line, Box 12, Grain Dealers' Journal, Chicago, Ill.

SUPERINTENDENT wanted, to take charge of small transfer and cleaning house. Must thoroly understand mixing and grading of wheat, corn and oats; understand machinery, and keep account of all grain in and out of elevator. State salary expected. Address The Sidell Grain & Elevator Co., Sidell, Illinois.

PARTNERS WANTED.

WANTED—A man with \$2,500, to build a mill 30 bbl. cap., in connection with warehouse on D. S. R., St. Paris, O. Address W. J. Jenkins, St. Paris, O.

WANTED—Party with \$5,000 to \$10,000, to join hands with me in the cash grain business in Michigan. A splendid opportunity. Full particulars by addressing P. G., box 11, care Grain Dealers Journal, Chicago.

LUMBER AT HALF PRICES.

WE PURCHASED THE PAN-AMERICAN EXPOSITION
SEND US YOUR LUMBER BILL FOR OUR ESTIMATE.
Pipe, Machinery and Building
Supplies in General.

FREE CATALOGUES ON APPLICATION.
CHICAGO HOUSE WRECKING CO.,
PAN-AMERICAN, DEPARTMENT 78 BUFFALO, NEW YORK.

GRAIN DEALERS JOURNAL

255 La Salle St., Chicago, Ill.

190

Gentlemen—Enclosed find One (\$1.00) Dollar, for which please send the *Grain Dealers Journal* on the 10th and 25th of each month for one year to

Name of firm.....

Capacity of Elevator..... Post Office.....

.....bus. State.....

LUMBER

We sell to everyone at the same price, strictly whole-sale rates. We will sell to anyone.

JOHN SPRY LUMBER CO.,

ASHLAND AVE. AND 22ND ST., CHICAGO, ILL.

COMPLETE ELEVATOR OUTFITS.

We are HEADQUARTERS for Buckets, Scoops, Conveyors, Belting and all kinds of Supplies. Send us your Bill for Estimates.

MIDLAND MACHINERY CO.,

248 4th Ave. So.

Prompt Shipments Guaranteed.

MINNEAPOLIS, MINN.

If You Want to Reach

The Grain Dealers of the Country
Advertise in the Grain Dealers Journal.

BETTER PRICES FOR YOUR GRAIN

can readily be obtained if you will purify it before shipment. Impurities, such as smut, must and mold odors can be entirely removed, and unnatural stains from water or other causes can be removed by our patent process of purifying and the grain made sweet and bright.

A purifier can increase your profits enough to pay for itself in a short time. Write for particulars to

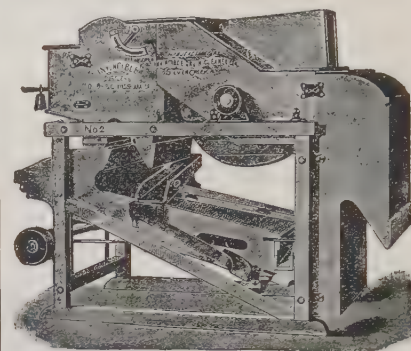
The American Grain Purifier Constructing Co.

DAVENPORT, IOWA, or KENTLAND, IND.

INVINCIBLE DOUBLE RECEIVING SEPARATOR

ABSOLUTELY DUSTLESS

ELEVEN SIZES



A CLEANER THAT CLEANS

Without injury to the grain and at a minimum expense for power and repairs.

It is simple, durable, compact, light running and reliable.

It is fully guaranteed and shipped to responsible parties on 30 days' trial.

We manufacture corn and cob separators and cleaners, oat clippers, receiving separators, scourers and cleaners, needle screen gravity separators and spiral belt separators. Send for catalog.

Invincible Grain Cleaner Company

Invincible Works,

SILVER CREEK, NEW YORK.

REPRESENTED BY

W. J. SCOTT, Wyoming Hotel, Chicago, Ill.

EDW. A. ORDWAY, 512 Exchange Bldg., Kansas City, Mo.

CHAS. H. SCOTT, Nicollet Hotel, Minneapolis, Minn.

J. N. BACON, Balchorne Block, Indianapolis, Ind.

WHAT DO YOU SAY?

When you have shopped all over the "Footstool," and finally decided to let the fellow have your order who can promise you the most for your money, and you finally get the machine—set up and start it—and it doesn't come within a 100 bushels of its catalogue capacity.

DO NOT SAY NASTY THINGS

It isn't really the machine's fault, it is doing the best it can for the money you paid for it. If you pay a small price for a machine, it is dollars to doughnuts that you get a small machine. Makers are not selling gold dollar machinery at seventy-five cents nowadays.

IF IT FALLS APART

after you have been running it for a few months, you can't blame it because the little extra that we wanted was for the extra time, skill and materials that went to make a machine that would hang together as long as you used it right.

YOU MUST EXPECT THESE THINGS

It is the way of the world, no matter whether you are buying shoes or silver. Cheap things are always cheap, and that is a bit of experience that you may have to pay hundreds of dollars for.

IT IS FOR YOU TO SAY

what you will do. If you buy any of our machines you have back of you the absolute guarantee of wear, capacity and effectiveness. It costs—exactly what we can get for it from the largest and most exacting line of trade in the country.

Remember, we make all kinds of Grain Cleaning Machinery, large and small, and to special order.

HUNTLEY MANUFACTURING CO.,

THE MONITOR WORKS.

SILVER CREEK, NEW YORK.

GRAIN DEALERS JOURNAL

Published on the
10th and 25th of Each Month

BY THE
GRAIN DEALERS COMPANY

255 La Salle Street,
CHICAGO, ILL.

CHARLES S. CLARK,
Editor and Manager.

Subscription Rates:

One Dollar per year; Sixty cents for six months. Invariably in advance. Fifteen cents should be added for exchange when sending local checks.

To Foreign Countries within the Postal Union, postage prepaid, \$1.75 per year.

Advertising Rates

furnished on application. The advertising value of the Grain Dealers Journal as a medium for reaching the grain dealers and elevator men of the country is unquestioned. The character and number of advertisements in its columns tell of its worth.

Letters

on subjects of interest to those engaged in the grain trade, and trade news items are always welcome.

CHICAGO, ILL., JUNE 10, 1902.

Wide margins attract scoopers.

It is profits you want not grain.

Do not be in too much of a hurry to handle new oats. You may get your fingers scorched.

Agreeing to the margin of profit on which grain will be handled can not be considered a violation of the anti-trust law.

The unusually wet spring will bring rust to many scale bearings as well as small grain. Have you examined yours?

An initiation fee of \$100 shud be required of dealers who experience difficulty in living up to the rules of their association.

Look out for the wild cat fire insurance companies. So many of them are seeking premiums, that even some insurance brokers are being caught.

It is much pleasanter and more profitable to be generously fair with your competitor than to spend your time and waste your capital in fighting for grain.

Banks which permit bucket shop keepers, fakirs and swindlers of other stripes to use their names as "reference" merit sharp denouncement at the hands of regular grain dealers.

Chronic overbidding does not always gain the farmers' patronage for the dealer, because they are naturally so very suspicious, they will doubt his weights in spite of themselves.

High prices for grain tie up more money and require more cash to carry on the business. It is reasonable that the dealer shud have a wider margin of

profit per bushel for handling sixty hundredweight than twenty hundredweight corn.

Rye is appearing in growing wheat in many sections of the winter wheat district, and the grain dealers are doing their best to induce farmers to cut it out, by the insertion of notices in local newspapers and by circulars telling the farmers of prospective dockage for leaving it in.

Recently two attempts to burn elevators have been frustrated by the timely discovery of the fires started. An Indiana miscreant placed an oil-soaked broom in a spout and set it on fire, while a Nebraska fiend depended upon a barrel of shavings. Permanent imprisonment in a structure surrounded by fire wud be a just punishment for arson.

Memphis having won the annual convention of the Grain Dealers National Association, is pushing its claims as a grain center more vigorously than ever before. The city council and the railroads of the Hub of the South, also, seem suddenly to have awakened to the possibilities of Memphis as a grain market, and are taking steps looking to the fostering of the city's trade.

The Toledo Produce Exchange has published rules governing the grading of grain and seeds in that market, in pamphlet form, together with some rules governing the work of the inspectors, and facts regarding the weighing and inspection department. It is of special interest to all dealers served by either department. No doubt its perusal will profit all shippers before starting in on the new crop.

We are pleased to inform the many friends of the Grain Dealers Journal, that it has received "Un Diplome De Grand Prix," awarded at the Paris Universal Exposition of 1900. The certificate which we prize even more than the foregoing is the one awarded us by the progressive, regular grain dealers of America who have found sufficient merit in the columns of the Grain Dealers Journal to subscribe for and read it regularly.

Members of the Merchants Exchange of St. Louis have had so much trouble recently with low-grade grain being delivered for contract grades, that the committee has been requested to prepare rules providing for the supervision of elevators made regular for deliveries among members. When all of the markets have uniform rules, and the grading of grain is reduced to an exact science, less trouble will be experienced between dealers of the different markets.

All of the good flour mill mutual fire insurance companies are having much good business offered them, hence they are discriminating more sharply than ever against undesirable risks. The rap-

id increase in stock company rates is driving the good risks to the mutuals and the poor to the stock companies. Reducing the fire hazard as much as possible will result in a direct reduction in the cost of your insurance, if you place it with a good mutual.

The cooperative schemers who have been talking Kansas farmers out of initiation fees in order to ship their own grain and live-stock, have been so very successful in working the farmers, that other organizers are now entering the same field and charge \$100 for memberships. The sooner the farmers get rid of the money invested in these schemes, the better will it be for the regular dealers who are content to handle the farmer's grain for a legitimate profit of much less than \$100.

If you think there is no natural shrinkage in grain shipments, go to a transfer elevator and watch the transfer of a car load the second time. You will find that it is not possible to sweep car clean enuf to have load weigh out the second time it is loaded. It will shrink 100 to 200 pounds in spite of every precaution, but this does not justify terminal elevators taking one per cent for future shrinkage. Let the man who owns the grain when it shrinks stand the loss.

The many readers who sent us their opinions as to what were the best advertisements in the May 10th number of the Grain Dealers Journal will be surprised to learn that not one subscriber sent us the correct view of the three best advertisements in their proper order. A few named the three winning advertisements announced in the last number, but not one named them in the order decided by the votes of all to be right. The interest in the best advertisements was so great that we may offer prizes for the correct opinions again in the near future.

If the consolidation of the Division of Agricultural Statistics with the Weather Bureau, as proposed by bill now pending in Congress, will diminish the efficiency of the Division of Statistics, as claimed by the Minneapolis Chamber of Commerce, then it surely behooves the trade to protest most vigorously against it. However, it is the opinion of some well posted persons who have the best interest of the bureau at heart, that the consolidation will result in improvement. Any action which will give us more reliable crop reports and statistics, will be more than welcome by the members of the grain trade.

The London Steamship Lines and the London Corn Trade Association have recently adopted rules, one of which is reported to provide for the payment by American grain exporters of a premium above the regular freight rate, in return for which the ocean-carrier will guaran-

tee delivery of the full amount of grain signed for in bill of lading. If the grain carrier receipts for grain and expects payment for its transportation, that should be enough to guarantee delivery of the full amount. Shippers should not be expected to pay an additional fee to induce carriers to guarantee against loss by dishonesty or carelessness on the part of its employees.

The burning of the steel elevator at Ft. William last month serves to call attention to the indifference with which some elevator owners are disposed to consider the fire hazard. Here was a plant representing the investment of a large sum of money, with no fire extinguishing apparatus within, yet a long distance from the nearest fire-engine house. It was not provided with dust collectors, and, of course, was not kept clean. It is not an easy matter to keep a cleaning elevator like a parlor, but it is very dangerous to permit the dirt and screenings to accumulate in large quantities. Another fact brought out at this fire is, that it is well to build storage tanks at least twenty feet from the working house. While the cleaning house will burn, as is clearly shown by the illustrations given in this number, the unexposed tanks will not.

A bill recently presented in the House of Representatives H. R. 13,679, merits the prompt and earnest support of every regular grain dealer who is disposed to deal fairly with his fellow tradesmen. The present law provides that payments made in the ordinary course of business within four months of bankruptcy must be returned to the bankrupt's estate before claims can be allowed. This is decidedly unjust and unfair, as persons receiving money from the man who afterward becomes a bankrupt within the time specified, yet has nothing due at the time of failure, does not have to return any money because he has no further claims to collect. The return seems very unjust.

Cleveland has for years been known as headquarters for oil fakirs and sharpers of various oleaginous tricks. One of the old-time tricks of these swindlers is again being tried on the grain dealers. We have recently received a letter from an Illinois subscriber who was offered a half barrel of extra fine oil and a barrel of extra quality machine oil, at the freight depot, at a ridiculously low price. Of course, the oil company would stand the freight, the leakage and guarantee the oils. The grain dealer, being a worldly-wise man, neglected to reply to the letter, but forwarded it to the Grain Dealers Journal. Grain dealers who want oil which will lubricate, are not likely to accept such "snaps."

The practice of storing grain free for farmers is less extensive to-day than ever. Several influences have worked to this end. First, the railroads have been so

lax in supplying cars when needed, that the elevator man has found use for more storage than he owned, generally at all seasons of the year. The associations have used their influence to check the practice, because it was used by some to take unfair advantage of competitors. Then the farmers have suffered so many losses by agents and speculating dealers, who thoughtlessly shipped out stored grain for their own account before disappearing, that the well-posted farmer hesitates to impose this additional responsibility upon the elevator men. Farmers, too, have become impressed with the fact that the fire hazard surrounding grain stored in an elevator is much greater than when stored on a farm.

No trickster who refuses to arbitrate a difference with a fellow dealer, be he a member of an association or not should be listed by any association as regular. The proper work of every association is to discourage, in every way possible, crooked dealing and to encourage those disposed to do right by advertising the wrong-doers. The regular dealers who deal fairly should not be listed on the same page with the shark and dead beat; he is entitled to fairer treatment by the association, and especially so if he is a member and contributes to its support. The names of black sheep should not be permitted to discolor the good names of honorable dealers by being classed with them. Such publication of names of tricky dealers may also do the receivers, track buyers and brokers great injury. They are asked to depend upon the association's list for the names of regular dealers and are justified in supposing that nothing but reputable dealers are listed.

If the committees appointed by the various state and local associations to investigate the matter of mutual fire insurance would hold a conference, it would result in the inauguration of a move to organize a grain elevator mutual fire insurance company, national in scope. Such a company would find enough good risks to enable it to command the services of a competent mutual fire insurance man. Mutual fire insurance is by far the best, if in a company which is conducted according to business principles and conservatively managed. The haphazard method of stock companies is almost as expensive as the charitable, lucky-go-easy, so-called mutual, which writes policies on anything, and accepts a barn at almost the same rate as it would a steel elevator. If the grain dealers are determined to organize a mutual there is no reason why they should not do so, but the company with which they place their risks must be run along the well-established lines followed by the flour-mill mutuals, if reliable insurance is to be furnished at low rates.

St. Louis' New Weighing Department.

At last St. Louis has a weighing bureau under the supervision of the Merchants' Exchange of that city. Country shippers have long wished that all weighing at St. Louis might be done by the Exchange. All that is desired will not be obtained immediately, but the establishment of a bureau to have charge of the weighing in elevators and mills will be more than welcome to the shippers to that market.

The Department took charge of the work June 1st under the management of Hugh S. Murray, who will be known as the Supervisor of Weighing for the St. Louis Merchants' Exchange. For nearly eight years Mr. Murray was su-



Hugh S. Murray,
Supervisor of Weighing, St. Louis.

pervisor of weighing for different railroads, notably the Missouri Pacific, the Iron Mountain and the central branch of the Union Pacific. Although Mr. Murray was born in Illinois about 33 years ago, he has lived in St. Louis practically all his life. He is a married man who can be depended upon to give close attention to the work which is required of him.

The Department starts with twelve weighers, a scale expert and an office force. The force of weighers will be increased from time to time to cover all the mills and elevators of St. Louis, Mo., and East St. Louis, Ill. The more urgent shippers are in demanding "Merchants Exchange Certificates" the sooner will the Department be in charge of the weighing at every point. Mr. Murray visited several markets for the purpose of securing experienced tally men and Weighmaster H. A. Foss kindly released three of the Chicago force to assist the St. Louis Department. Mr. John Cummings, who has had years of experience in constructing, overhauling and maintaining scales will be scale expert for the Department, and keep all scales under its supervision in working order.

At the start the department will not have direct supervision of team track weighers, hence shippers will be unable to secure "Merchants Exchange Certificates" on grain unloaded into wagons. Shippers who want their grain weighed by the Department weighmen must insist upon "Merchants Exchange Certifi-

ates." Western shippers and eastern buyers who have shortages in that market should enter complaint promptly with Mr. Murray, who will be found ever anxious to guard their interests and secure correct weight of grain.

LETTERS FROM THE TRADE

HARMONY AMONG DEALERS.

Grain Dealers Journal: The Journal is a very welcome visitor at my elevator. It seems to bring all the elevator people closer together, lessens the distance, seemingly, between my competitors and myself.

If the grain buyers in the state of Ohio would take up the two themes, namely: Confidence in one another, and harmony among themselves, the last being the result of the first, right where the Journal leaves it for them, it, in my opinion, would mean thousands of dollars to them.

We may sit at a table loaded with the best things to eat, but it will not do us much good unless we partake, not by proxy, but by our very own selves. Very truly, J. R. Raudabaugh, Greenville, O.

THE BEST SCALES ARE CHEAPEST.

Grain Dealers Journal: Nothing pays so well as a perfect scale. Weights must be correct. All kinds of scales are on the market, but the best is the cheapest. The grain dealer wants them and the farmer of to-day wants them.

A good scale needs no attention. After 20 years it is as good as when bought, if kept in repair. The bearings should be sharpened and hardened. The rust should be removed and the surface painted throughout with asphaltum.

Scales should be put in right, on a level foundation, and properly repaired every 3 years. They will then last a lifetime. A scale should have trussed levers and diamond steel bearings correctly adjusted. F. B. Smith, Des Moines, Ia.

NO CANADIAN WHEAT FOR DULUTH.

Grain Dealers Journal: There are only 200,000 bushels of Canadian wheat at Duluth to be loaded out; and it will be the last Canadian wheat of any consequence that is likely to come here for some time to come at least, because most of the wheat that has come to Duluth in bond has come from points on lines in Manitoba that used to be owned by the Northern Pacific. These lines are now controlled by the Canadian Northern, the new line built by McKenzie & Mann, and the Canadian & Northern's policy has been announced to be to route the wheat hereafter via Port Arthur.

The Canadian Northern naturally wants to get all the haul it can out of this wheat. It would not naturally get very much of a haul out of it by sending it down to Duluth. Routing it via Port Arthur would give the Canadian Northern more of a haul and it would also give it a chance to earn storage charges on the wheat until the opening of navigation in the spring.

The movement of wheat in bond has just about ceased now, though an occasional scattering car comes in. The total movement through Duluth for the last crop has been about 7,350,000 bushels. More Canadian wheat was received here

in bond last October than during any entire crop year previously in the history of the market. Of this large movement, only about 200 cars of wheat grown along the Canadian Pacific were received here. Allow 1,000 bushels to a car, and you have something over 200,000 bushels coming from the Canadian Pacific railroad out of over 7,300,000 bushels received.

Practically all the Canadian wheat that has been received here in the past has come from the same lines that furnished it last year—the old Northern Pacific lines—but the Canadian Northern will be prepared in another year to handle most of this itself at Port Arthur.—William Massey, Canadian Government Inspector, Duluth, Minn.

STOP RUNNING CORNERS.

Grain Dealers Journal: As a rule only a very few people are benefited by corners on grain, and perhaps thousands of people have to suffer by it, not only the regular speculator, but the country elevator people generally get the worst of it. The farmers are getting more accustomed to contracting their grain to country elevator people, and the grain men to protect themselves sell futures against purchases.

It is very easy at times to run a corner, but should a rule be made so that the country elevator people could sell on the Chicago Board of Trade No. 2 grain, and if it grades No. 3 that it would apply on contract at a difference of one or two cents per bushel, we think the corners would be stopped. We would like to hear from others through the Journal. Nobbe Bros., Farmersville, Ill.

MARKET IN HAWAII.

Grain Dealers Journal: No doubt Chicago would like to sell a few cars at the prices ruling here for feedstuffs. Our jobbing list of to-day, May 16, quotes bran at \$25 per ton; barley, \$28; oats, \$35 to \$40; hay, \$25; corn, \$42; wheat, \$40.

Bran is sold by the sack; and 34 sacks of any size are a ton. Rolled barley is sold 25 sacks to the ton. Nothing is weighed; and there are no public weighers here.

My weight is 200 pounds on one scale, and on some dealers' scales I weigh 185 pounds. They sometimes weigh goods that they buy.

An opportunity is presented for some live firm that handles corn to do some business direct in carlots, as considerable corn is used here by plantations. E. J. Walker, manager Hawaiian Feed & Coffee Co., Honolulu, Hawaii, U. S. A.

AGAINST ORGANIZING STATE MUTUALS.

Grain Dealers Journal: The fire insurance business is based entirely upon the question of average in numbers spread over time and space. An individual cannot afford to carry his own insurance because a loss upon himself alone would be a serious calamity regardless of the length of time he had been free from an insurance tax. Hence the value of insurance is in distributing a loss over the many. One would not dare mutually to insure only 5 or 10 others because when a loss came the pro rata proportion would be burdensome though several years of time intervened between losses.

For instance, a company of 100 elevators writing \$1,000 lines at an average rate of 2 per cent would receive \$2,000

income. Omitting the expense item it could lose two risks a year. Under the average of time there would be years of no losses and then years of four, and even six losses. If four losses came the first year, it is the misfortune of mutual insurance that the policy-holders would not wait for an average of time, but desert at once and the labor and purpose of organization be destroyed at one blow. The same applies to later years when but few will stop to consider a low or even no cost for the past.

This difficulty is overcome by getting an average upon 500, 1,000 or 2,000 risks in one organization. One might say that in blocks of 100 risks each, the losses upon some blocks would be high and others low each year, but the average cost about even year by year. Herein comes the average in space or area of country. It is a matter of record that each year in every state the loss waves vary above and below the lines of average cost, and that each year some state loses much more than its total premium income.

The Stock Companies claim that herein comes the value of their insurance system by carrying this burden and distributing it over a series of years. In practice they do not, for their business being spread over a large space, they even up each year and generally to the good, by profits of fortunate states more than offsetting the misfortune of single states. A mutual company confined to one state is bound to experience these fluctuations especially when carrying only one line of hazards. Very few states could secure even 200 risks with a light company, so that without sufficient cash surplus to tide them over, it can well be said, that it is always on the ragged edge of existence. As the Grain Dealers National Association has all the strength of the several state associations, so would a National Grain Dealers Insurance Co. have all the strength of several state companies and secure the theoretical average in numbers time and space.

There are two cases where Associations and Insurance Companies have been closely associated possibly with some advantage, but as a rule the misfortunes of one would jeopardize the existence of the other. Then the mistake is always made by local insurance companies in employing inexperienced management. No small company can afford to hire the experience and talent which would be considered necessary if the same amount of cash were invested, that it has in contingent liability.

The various flour mill mutuals would never have succeeded if they had been confined to one state or without enough business in every locality to stand cost of selection and inspection, and had not been unusually fortunate in quality or managerial talent. It is not just to say that a state elevator mutual can not succeed, but it is safe to predict that not one in five will make anything like a permanent success, and every failure of such a company will be a black eye to any effort based upon a broad, successful experience to benefit the grain dealers of the country by a system of insurance which will lighten the present heavy insurance taxation.—O. P. R.

A small gasoline engine will run the battery down sooner than a large engine because the small engine runs at a higher speed and makes more ignitions.

ASKED AND ANSWERED

CHARTS WANTED OF THE FLUCTUATIONS.

Grain Dealers Journal: I would like to have the charts of the fluctuations of grain for several years past. Will some reader of the Journal kindly inform me where they are published or in what book.—Elliott.

WANTS COB AND SHUCK CRUSHER.

Grain Dealers Journal: Will some reader of the Journal please give me the address of a concern that makes the latest corn cob and shuck crusher. I want a machine that will make meal out of corn in shuck.—E. A. Whittington, Durant, I. T.

FLOAT TO REPRESENT GRAIN BUSINESS.

Grain Dealers Journal: As we are going to celebrate the Fourth, I would like to receive suggestions in the columns of the Journal from readers, on how to prepare a suitable wagon or float to represent my business, namely: grain, feed and coal.—Malcolm Peterson, Pomeroy, Iowa.

PAINT FOR IRON ELEVATORS.

Grain Dealers Journal: In reply to the inquiry of W. F. Starz & Co., in the Grain Dealers Journal, in regard to elevator paint, I will say that I have had considerable experience with paint, and find nothing that will compare with graphite ground in oil.

I painted my elevator with graphite paint eight years ago and the surface is in good condition to-day. I am going to repaint it this summer and would put on nothing else could I get it done free of charge while I can buy graphite at any price. There are a number of inferior graphite paints on the market, so one must be careful to get the genuine. W. C. Sievers Walnut, Ia.

Grain Dealers Journal: In our experience we think the anti-rust paint, made by the Allen Anti-rust Co., is the best for out-door metal that we have ever tried. W. H. Small & Co., Evansville, Ind.

LIABILITY OF RECEIVER.

Grain Dealers Journal: In reply to J. B. H., who desires to know if a commission firm is responsible for five cars of barley sold to a customer of theirs who failed, we should say it has always been our impression that the receiver assumes all risks after the merchandise is in his possession. We have always conducted our business upon this principle. We had a car of flour consigned to us some years ago to be sold for account of one of the small mills located in the western part of this state. We rendered account sales and check to balance. The day following the sale the purchaser failed. We considered that we were at fault and naturally had to suffer the loss. If the receiver sells irresponsible people it is no fault of the shipper. If the commission man suffers a loss by fire or in selection of his debtors the consignor is not interested in any way, as he, the consignor, pays the commission man his brokerage or a commission to assume all risk. Strauss & Joseph, Cleveland, O.

J. E. Soper & Co., Boston, Mass.: When

a consignment of grain to a commission firm is sold by them to a party who fails before settlement is made for it, the commission firm is liable.

A. P. Morgan Grain Co., Atlanta, Ga.: Unhesitatingly we would say from a business point of view that the commission firm is liable to the shipper for the amount barley was sold for, less legitimate charges.

Fred L. McMullen, Buffalo, N. Y.: I should decide that the concern who sold that barley is liable for the value of the barley. I base my opinion on the fact that if such was not the case it might lead to collusion on the part of receivers of property to sell to others, and in this way beat owner out of the value of his property and release receivers of any and all responsibility. The only mitigating circumstance in such a case is where it can be clearly proven that buyers were of high reputation, and whose record in the past was such that it could be clearly proven that receivers had no reason whatever to expect other than full payment for the barley.

J. Walter Sanborn & Co., Boston, Mass.: Of course an irresponsible broker can cut commissions and afford to work for very small pay if he has no financial responsibility himself and is not running any risk of loss in case of failure of his customer; but it is our opinion that shippers in the west fare much better to pay a little higher rate of commission to a responsible house that is in position to make fair cash advances on their consignments, and thus be sure of their pay rather than to obtain a cut rate from some irresponsible party.

W. B. McCardell & Co., Baltimore, Md.: We have had like experience. We sold some hay, and party to whom it was sold became financially embarrassed. We felt morally bound to pay shipper and did so. But legally we did not feel responsible.

A law in this state makes the commission merchant an employee of the shipper, and should he fail to return for goods received on consignment, he can be prosecuted for embezzlement. Since the law makes him an employee of the shipper, it does not seem he is responsible unless he should be guilty of neglect or of conspiracy to defraud.

Woodward & Co., Minneapolis, Minn.: The matter of the commission man's liability has been passed upon by the supreme courts of some of the states at least. We have never had occasion to have the matter looked up by our attorney, because what losses we have made we have thought it to our interests to pay, believing that the loss of trade by our refusal to do so would eventually be more more than the loss made by the failure of the dealer to whom we sold the grain. We do not acknowledge and do not believe that we are legally liable, however, unless specifically instructed by our customer to sell his grain for cash. The laws of our state are very strict in defining a commission man as merely an agent of a principal, who is employed to transact certain business for him. If he fails to return the proceeds, or any part thereof, he is held criminally liable. Therefore, under this ruling, if the agent could show that he followed the ordinary custom of the trade and used due diligence in handling and looking after the purchaser's financial responsibility, we do not think that he would be held by the courts of this state in case of failure. As we said before, this opinion of ours is made up entirely upon our own

construction of the law. It is just possible that the judges of the Minnesota bench might not confirm it. In fact, in times gone by they have frequently seen fit to differ from us.

WHO SHOULD PAY EXCHANGE?

Grain Dealers Journal: Who should pay the exchange on drafts drawn by a shipper on grain sold f. o. b. shipper's track?

I hold that if grain is sold on my track funds in payment should be par at my town and party buying the grain should pay the exchange.—Chas. F. Davis, Pacific Junction, Iowa.

F. H. Fitts, Boston, Mass.: Shipper should pay exchange.

I. S. Giddens & Co., Tampa, Fla.: It seems to us that the buyer's money should be taken at par when grain is sold f. o. b. buyer's track.

W. H. Henderson, Lexington, Ky.: When goods are sold shipper's track in my opinion purchaser should pay the exchange; unless otherwise agreed that seller should make this deduction in drawing draft, else shipper does not realize the amount net, per contract.

John Wahl Commission Co., St. Louis, Mo.: It has almost always been customary that the seller of grain pays exchange on drafts if any exchange was to be paid, regardless as to whether the grain was sold on track at point of shipment or at point of destination. If any changes were to be made in this and the buyers would be supposed to pay the exchange they would simply have to figure on the exchange in making bids, and hence in the end, the seller of the grain, would be paying the exchange perhaps indirectly instead of directly.

W. H. Rogers, Adrian, Mich.: I hold where there is no special agreement who should pay exchange when a draft is given in payment for goods of any nature the purchaser of the goods should pay the exchange. If I should sell a bill of goods at my store and a draft were given in payment, it should in all equity be drawn with exchange, over the signature of the drawer. Then it becomes a part of the conditions of the draft; while if there should be no exchange expressed or allowed, and exchange were charged by the bank making the collection, the receiver of the draft would not realize the amount agreed upon.

The business of the country is done largely by drafts or individual checks, on persons or banks, which are a great convenience to the purchaser; and the receiver of this paper should not pay for the collection where the accommodation is so much in favor of the drawer of the draft or check. If it were not for this manner of doing business on paper then the purchaser would be compelled to take the risk of carrying the currency with him, which would be burdensome, or be at the expense of expressing the currency, which would be more costly than the exchange on the drafts or checks.

Again, it is frequently the case when these papers are placed in banks for collection the seller of the goods has not the use of the money until the collection has been made and placed to his credit. Is it not enough for the seller to lose the use of the money while the draft is in course of collection, or should he in addition pay the exchange? It seems to me the only right, just and equitable way is for the purchaser either to pay for the goods in good current funds or pay the exchange on the draft or check.

The Irondale Elevator "A" of J. Rosenbaum Grain Co., at Chicago, Ill.

The new grain elevator just finished by the J. Rosenbaum Grain Co., Chicago, known as the Irondale Elevator "A," is located in the Irondale district of the Calumet River at 107th St., on the magnificent new slip recently completed by the C. R. I. & P. Ry. Co. The completion of this building introduces a new epoch in the elevator building industry of this country and establishes a pace, in the line of progress, that must be followed by those who would keep to the front in the grain trade, with the

both receiving tracks and extending the full length of the building. The train shed is built two stories high, the floor of the second story being 20 feet above the tracks and the roof 18 feet above the floor. In this commodious room is located the cleaning machinery. All the bins adjacent to the cleaning room are hopped at a point above the machines high enough to reach them by spouting, the lower compartments of the cleaner bins being used for storage.

It will be seen that while the first story of working floor under the bins is of generous proportions, the car tracks are kept outside of and ranged along the main structure in the car shed. Eight stands of elevator legs, two loca-

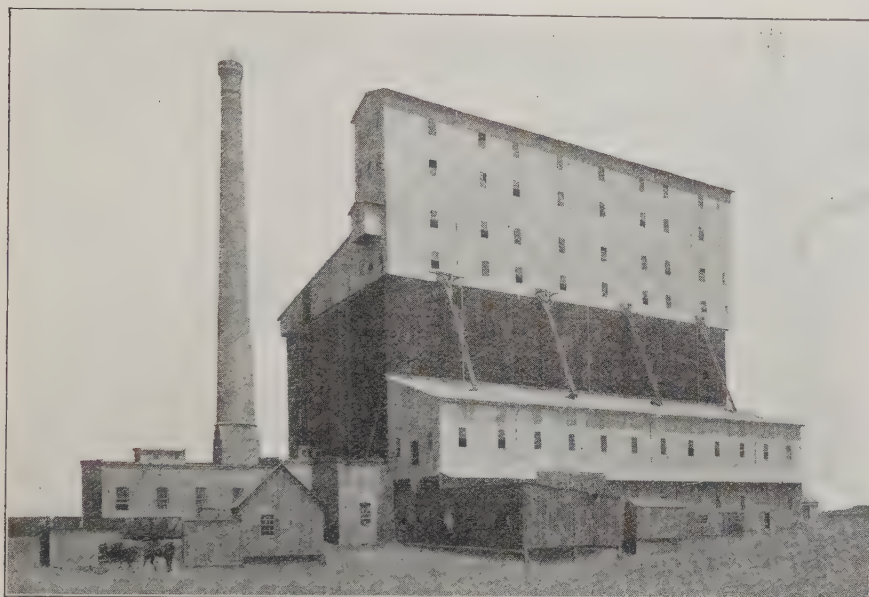
ceived from the elevator legs to the storage bins or to the shipping spouts. While the cupola rises to a height of 65 feet above the bins, there are no floors above the bin floor. Walks and runways, guarded by hand rails, give safe access to all machinery and working parts, but the whole general effect of the interior is an open steel frame, supporting the scales, garners, elevator legs and machinery on massive steel girders. The scale beams and all valve mechanism by which the scales are operated are located on the bin floor below the scales. This arrangement brings all the scale beams inside a line 125 feet long and reduces the area to be operated on to the lowest denominations.

The underlying, fundamental motive carried out in the whole plant is the fire-proofing feature. With the single exception of the window sash there is nothing combustible in the whole plant. The handling of grain is inseparably connected with the deposit of dust, and while this cannot be eliminated, the amount of surface on which dust might deposit has been reduced to a minimum by the absence of floors in the cupola. If under the worst condition a dust explosion should take place, it could only rip a hole in the corrugated iron cover and no combustion could possibly follow.

Those who have operated grain elevators having large handling capacities recognize the difficulty of keeping the equipment profitably employed. Either a large crew must handle a maximum business, or a small crew must let a great part of the machinery lay idle. In the "Irondale A" the machinery arrangement is so compact that the maximum business may be handled with a minimum force and the machinery kept employed.

The power plant is housed in a substantial brick building, with brick chimney, and consists of a battery of four return tubular boilers 72 feet by 18 feet, built for 150-lb. pressure. The engines are cross compound condensing type, 20-38-42 feet, by the Vilter Mfg. Co., and the general transmission machinery was supplied by the Skillen & Richards Mfg. Co. The numerous accessories which go far in perfecting a plant of this kind are very complete. Passenger elevator, car pullers, signals, speaking tubes and all the smaller conveniences have been utilized and give to the whole a finish and completeness which will keep the Irondale "A" at the front for many years to come.

The great Chicago Tribune heads its commercial column to-day: "Wheat demand is poor," in large, black letters. Now notice: The demand made the stocks decrease here last week more than a million bushels, the shipments hence this week are 520,000 bushels over the receipts, including 112,000 bushels of the latter, brought here by lake. The exports are the largest on record and the visible is rapidly decreasing. It is this sort of unfair press influence that provokes the disgust of fair-minded persons. The primary shipments for the week are 1,170,000 bushels more than the receipts, and the exports exceed the receipts by nearly 4,000,000 bushels. A shoestring trust could be capitalized in New Jersey for more money than it would take to pay for the contract wheat in the American visible.—Pope & Eckhardt Co.



New Irondale Elevator "A" of J. Rosenbaum Grain Co., at Chicago, Ill.

best possible equipment for handling the business.

It was characteristic of Mr. Joseph Rosenbaum, president of the company, to select nothing but the best that money could purchase for his company when he decided to embark in the grain business on the Rock Island terminals of Chicago. A splendid piece of property (8 acres) was purchased having a frontage of ten hundred feet on the southwest side of the slip. In April, 1901, a contract for the erection of a million-bushel steel, fireproof elevator was awarded the Macdonald Engineering Co., Chicago, to be built on plans submitted by the contractors, and work was immediately begun. During the entire year a large force of men have made a scene of much activity, and the great building has steadily grown, consuming thousands of tons of steel, concrete, stone, cement, brick, and 30 carloads of machinery.

The general scheme worked out by the plans consists of a million bushels in storage bins, built on Macdonald's patent system of bin construction and divided into 100 separate compartments, the largest of which holds 15 thousand bushels, while the smallest contains 2,000, all hopper bottomed. The bins are supported by a heavy steel frame at a distance of 18 feet above the ground floor, and are enclosed on the dock front and both ends by a brick wall.

The remaining side is enclosed by a commodious steel train shed spanning

ted in each pit, extend through the front row of bins to the top of the cupola, where they discharge into 8 garners and Fairbank scales of 1,400 bu. capacity each. All of the legs may be used simultaneously as receivers. Each of the two tracks in the car shed accommodate 4 cars, those nearest the building discharge directly to four of the legs. The remaining four legs are reached from the second track by extending the track hopper under the first, to the second track and carrying the grain on a belt conveyor to the legs.

In addition to the 8 receiving legs, four of 10,000 bu capacity and four of 15,000 bu. capacity, there are two cleaner legs of 6,000 bu. capacity each. The cleaning and clipping machines discharge to any of the 10 elevators, and all reach the scales so that all cleaned grain may be weighed. Three-quarters of the bins are filled and emptied by means of belt conveyors, the remainder by spouting from the scales. The arrangement for distribution of grain from the scales to the bins is such that one elevation by any leg in the system, the grain may be delivered to any bin in the house. The conveyor system on the first floor carries grain from any bin to the elevator legs at the rate of 1,500 bu. per hour for each leg.

An unique feature of machinery arrangement is found in the cupola equipment. The weighmen, located on the bin floor, are in complete command of all operations, directing the grain as re-

GRAIN CARRIERS.

Toledo complains of a scarcity of cars. Milwaukee is building a mile and a half of new docks.

The tug strike is diverting some grain to the all-rail lines.

The Japanese, already powerful in Pa-

freight rate a sum equal to four-fifths of one per cent of the value of the consignment, in consideration of which the steamship company agrees to deliver the full amount of grain called for by the bill of lading. Shippers from gulf ports are to pay seven-eighths of one per cent. The shippers who are supposed to pay the bills have not been consulted. How thoughtless.

Destruction of Steel Elevator at Fort William, Ont.

The burning of Elevator D at Ft. William, Ont., which was announced in the last number of this Journal has attracted more attention from fire insurance underwriters than any other ele-



Canadian Pacific Elevator D as it Appeared Before the Fire.

cific shipping, have formed a shipping trust with headquarters at Osaka.

The government inspectors contemplate revoking the licenses of tug-boat engineers and captains who refuse to work.

A large and experimental shipment of flour is being made by Minneapolis millers to London via the Illinois Central to New Orleans.

Grading has begun on the extension of the Chicago, Milwaukee & St. Paul Railroad from Eureka, S. D., to Linton, N. D., 50 miles.

Grain rates on the Ontario lines of the Grand Trunk and Canadian Pacific Railways have been reduced from 13½ cents to 11½ cents.

Contracts have been let for the construction of 60 miles of the Western Illinois Railroad from Dahinda via Etherly to Henry, Ill.

Shipowners do not like the new California grain charter. The new charter places an extra expense of 5 cents per ton on the owner.

Locations for many grain elevators will be available on the new extension of the Chicago & Northwestern Railroad, which is being pushed rapidly from Verdigre to Bonesteel, S. D. The road is to be completed by the time the Rosebud Indian reservation is opened for settlement, when 500,000 acres of rich lands will be allotted.

Car shortage soon will be a thing of the past. The car service committee of the American Railway Association has prepared rules under which railroads will pay one another for the use of cars by the day instead of by the mile. The report has been adopted by a large majority of votes, and it only remains to secure the signatures of a majority of lines representing two-thirds of the cars. If generally adopted the change will go into effect July 1.

The steamship lines and the London Corn Trade Association have agreed that shippers shall pay the steamship company over and above the regular

Memphis grain merchants have every reason to be pleased with the concessions that are being made to their city by the railroads. Effective May 26 the rates on grain and grain products thru the Ohio and Mississippi River crossings, to southern Atlantic coast points were reduced 3½ cents per 100 pounds. The Illinois Central and Yazoo & Mississippi Valley Railroads have granted Memphis dealers the privilege of holding grain for reconsignment at the thru rate, for 90 days. At the recent Louisville hearing on the grain shrinkage question, Arbitrator J. N. Faythorn heard the arguments of the traffic officials in the Southeastern Mississippi Valley Freight Association. The fact that Memphis, Cairo and Evansville are the more direct routes between the northwest and the southeast entitles those cities to a lower rate on classes C. D. & F, in comparison with Louisville and Cincinnati. The claims of Memphis were ably presented by Assistant General Freight Agents R. L. McKellar of the Southern and E. K. Voorhees of the Frisco.

The Treasury Department, guided by an opinion of the attorney-general, has ruled that: Where goods are received for transportation from any point in the United States to a foreign point, and any part of the transportation is within the territory of the United States, the bill of lading must be stamped with a 1-cent stamp, being the tax on the domestic part.

Concrete construction came thru a fire at Bayonne, N. J., recently, with flying colors. The entire plant of the Pacific Coast Borax Co., except the walls and floors, which were of concrete was completely destroyed. While large quantities of cast iron and machinery were fused by the intense heat the concrete was damaged only \$1,000. The building was 200x250 feet and four stories high.

vator fire which has occurred in this country for years.

It is not to be doubted by any one that a steel elevator will bend and collapse if subjected to intense heat. Our photograph of the ruins will convince the most skeptical that the fire was quite a hot one. The conditions, however, surrounding this plant were unusually hazardous. Unlike most steel elevators, two of its legs had wooden sides, its wooden cleaning machines were mounted on wooden platforms. The working part of the structure, where the fire occurred, contained much dust and screenings, in fact the house had never been equipped with dust-collecting apparatus. The experience of recent years has proved beyond any measure of doubt, that immunity from dust explosions and the rapid combustion of fine dust approaching an explosion, can only be obtained by scrupulous cleanliness. Many cleaning houses have been sacrificed during recent years to dirt and dust explosions.

The plant before the fire, as shown by our engraving, consisted of twenty-four steel tanks, arranged in four rows side beside. The eight large tanks being on the outside rows, and the sixteen smaller tanks being arranged on the inside rows. Conveyor galleries above and below were used to carry grain to and from the tanks. The working part, which was built very close to the tanks, was a steel frame covered with corrugated iron. Its stairways and galleries were also of steel. Its dimensions were 42x102 and 140 feet high.

The fire was discovered by the night watchman on the second floor in a pile of screenings about two o'clock in the morning, and altho in its incipency, it spread so rapidly that the employees found it impossible to extinguish it. Eight box cars, some filled with grain contributed more fuel.

The elevator was quite a distance from the main part of Ft. William and

it was impossible to send an alarm in by telephone, hence the fire department did not arrive until nearly an hour later, and then it could only get one stream of water from a hydrant 2,500 feet away. With the small assistance of this one stream, the fire was confined to the working house and no damage done to the power plant. With so much valuable grain and elevator property near at hand, it would seem that greater precautions against fire should have been taken, and some facilities provided for extinguishing fires in their incipency.

Two of the tanks nearest to the working house were exposed to so great heat as to cause the sides to buckle and the seams to spread. The expense of placing these tanks farther from the working part would have been very small, surely much less than the damage which has resulted to them by the fire in the working house.

A contract had already been let to enlarge this plant with additional storage room of about 2,000,000 bushels and it is

Books Received.

HANDBOOK OF KENTUCKY. We are indebted to I. B. Nall, commissioner of agriculture, labor and statistics, Frankfort, Ky., for a copy of the Handbook of Kentucky, which has been prepared to answer, fully, inquiries as to the resources, climate and prospects for investments. Each county is described. Map and 512 pages.

CORN TRADE YEAR BOOK—1901-'02, by Geo. J. S. Broomhall, editor of the Liverpool Corn Trade News, is a review of the world's grain trade, containing a record of the world's chief cereal crops, prices, imports and exports, stocks and population, and forming a valuable reference book for grain merchants and millers. Price, one guinea. Copies may be had of C. F. Bond, 423 Produce Exchange, New York.

FOREIGN MARKETS for American agricultural products is the title of report No. 67 of the Department of Agriculture, containing a verbatim report of the testimony of Frank H. Hitchcock,

THE ANNUAL REPORT OF THE CHICAGO BOARD OF TRADE for the year ending Dec. 31, 1901, has just been issued. The names of officers and members of the board, the secretary's review, and the report of the directors are given in a preface of 84 pages, and in the 286 following pages is included a compilation of statistics of the trade and commerce of Chicago, and of the United States, very interesting to grain dealers everywhere. In his general review Secretary Geo. F. Stone sounds the keynote of the impending revolution when he says: We have entered upon a new era of commercial and industrial life. Competition for business is more intense than ever before. It summons into exercise every faculty and taxes every energy. Its latest pronounced manifestation is the economic concentration and combination of forces in the field of labor, commerce and finance, having in view not only a reduced ratio of helpers to a given volume of work,



Canadian Pacific Elevator D—Ruins of Working House.

expected that a new working house of greater handling capacity will soon replace the ruined structure.

We are approaching the season when cigar drummers and others sell wheat short on the appearance of pussy—or other willow—verdure. It is one of the cherished privileges of American freemen.—Pope & Eckhardt Co.

The reorganization of the United States Flour Milling Co. has been completed. The new Standard Milling Co. has nineteen mills at Minneapolis, Duluth, Superior, Milwaukee, West Superior, Buffalo, Syracuse, Brooklyn, New York, Jersey City and Baldwinville.

chief of the Section of Foreign Markets, before the Industrial Commission, upon the following subjects: Lack of uniform inspection, inspection certificates, question of government control, advantages of government inspection, lack of information about inspection changes, damage to grain during voyage, unfair complaints, infrequent carelessness in shipping corn, corn loaded in iron steamers, corn stowed in coal bunkers, importance of ventilation during voyage, importance of cleaning corn before shipment, grading of export corn as regards cleanness, source of trash in corn, shipments of wheat, rye and barley, need of greater care in cleaning, misunderstanding of term "official."

but a uniformity of control and management in order to save friction, time and strength, to the end that all effort may be productive of the most profitable results. We are beginning to realize the economic significance of stopping waste of nerves, of brain power and of physical strength even as we recognize the economic importance of preventing waste of inanimate material. The productivity of the people of this country "reinforced by the creation of that marvelous machinery which differences this age from any other age," has wonderfully increased, and the necessity of finding a correspondingly increased demand for the varied products of our skilled industries confronts us.

Annual Meeting of Texas Dealers

The fourth annual meeting of the Texas Grain Dealers Association was called to order in the City Hall at Waco, Tuesday, May 22, at 10:40.

President J. P. Harrison of Sherman introduced Rev. David Errett, who pronounced the invocation.

Mayor J. W. Riggins gave an entertaining and amusing address of welcome.

In the absence of Mr. Sleeper, G. J. Gibbs of Clifton responded to the Mayor's address of welcome.

As many additional members were expected by noon, L. G. Belew moved to adjourn to 1:30, and the motion was carried.

Tuesday Afternoon Session.

The dealers reconvened at 2:15, a number of new members having come in during the noon intermission.

President Harrison read his annual address, from which we take the following:

President's Address.

Again we have come together in annual session for the purpose of reviewing the work of a closing year, and for the further purpose of devising plans for the year about to ensue. I sincerely trust that each of us will, during the meeting, give earnest thought to the destiny for which this association is striving. Study the needs of our grain trade! Study what you may consider to be only the individual needs of your own business! It will be surprising if they are not found to be also the needs of many of us. Give us the benefit, therefore, of your thought upon these problems, together with any remedial suggestion that may have appealed to you.

In arranging for papers at this meeting, it was deemed desirable to present both sides of each debatable subject, hoping that the presentation of the issue from the viewpoints of those who, by study to bring out every argument that might be advanced in favor of the side to which they had been assigned or who from locality and environment might be supposed to entertain divergent opinions would give both sides of the question as basis for discussion by the membership both for and against.

PUBLIC CONFIDENCE.—The confidence of the public at large is the chief asset of the Texas Grain Dealers' Association.

I am I trust too loyal a citizen of Texas not to resent any imputation reflecting upon the general character of the citizenship of our state. My long experience as a grain merchant, at Sherman since 1877, has resulted from time to time in dealings with grain men in every section of the middle West, and I have met with some tough propositions among them.

Knowing something of the fairly equal distribution of this class, each state having its full quota, I have been in a position to appreciate the absurdity of those pharisees to the north and west of us who, having failed to cast the beams from their own eyes, imagined Texas to be the rendezvous for all the "notes," and everything else that was disreputable and undesirable.

This professed belief, though manifestly absurd and unfair, unquestionably obtained up to the time our organization was effected. But from the outset our determination to exact and dispense justice through our arbitration committee, without distinction as to locality or persons, has been so rigidly adhered to, that I do not believe there is to-day a trade organization in this country that compels a greater respect and confidence in those circles where it has come to be known than does this association of Texas grain dealers. "Self-praise," they tell us, "is half scandal." None the less, I have spoken my convictions.

CONCESSIONS SECURED.—One of the things which impressed me on the Des Moines trip was the very evident recognition on the part of all classes and business interests in that section, of the fact that the grain merchant is one of the chief factors in the commerce of our country. They can't do too much for the grain man up there.

It has been somewhat different in Texas. Especially was this difference discernible to the naked eye in the days prior to the organization of this association, when our average state grain rates were so high that if they had been exhibited to a north-western dealer, the contrast with the rates in his own section would have thrown him into convulsions.

By the might of concerted effort, we succeeded a few years ago in securing through the Railroad Commission reductions in state rates on corn and oats from the then average rates of about 20 cents per hundredweight to the present average rate of 12½ cents, a reduction of 7½ cents per hundred pounds.

The average weight of a Texas car of corn is 28,000 pounds and of oats 32,000 pounds. This reduction in rates, therefore, has been equivalent to a saving in freight of \$21 for each car of corn, and of \$24 for each car of oats to have been shipped in Texas since these reductions in rates became effective several years since.

With these facts before the state, it should not require the services of an expert mathematician for every person to know that certain interests in Texas have, through the efforts of this association, been saved "a whole mint of money." The farmers in our producing sections and the consumers in those sections of the state where no grain is produced have reaped the benefit of these reductions in rates.

Our having secured from the Commission the stop-in-transit privileges on grain is still another success to the credit of united effort. This concession has been at no cost to the railroads. Some of them have for years accorded similar privileges in other states which they traverse, and have thought nothing of it.

INSURANCE REDUCTIONS.—Inasmuch as grain is a recognized cash commodity the world over and as such is, at market prices convertible into funds, to carry a stock of it uninsured would be somewhat similar to leaving unlocked a vault full of gold bullion. It is not a luxury, but a necessity to the careful grain man. For this reason the question of insurance rates is an important one to our membership.

At the beginning of our fiscal year now closing, I had the pleasure of appointing Messrs. J. T. Stark and H. B. Dorsey as a committee on insurance. These gentlemen were experienced in insurance matters and were well qualified to look after this interest of the association, as results testify. They secured reductions ranging from 27½ to 40 per cent on grain warehouses, elevators and mills. This has saved many a dollar of insurance premiums to our members.

SHORT CROPS.—We had hardly adjourned from our last meeting at Dallas before it became apparent to the most sanguine of us that our small grain crops had been doomed to destruction by the aphid. Co-operating with the state entomologist, your directory held itself in readiness to lend every aid that might be suggested or required of it in circumventing these pests, or in confining their ravages to a limited area. Mr. Mally, the efficient state entomologist, was persistently in the field conducting every test that science could suggest as calculated to circumvent the pest, but all efforts were futile. So sudden had been the attack of countless millions of those pests that our wheat and oat crops in the north-central grain belt were destroyed as completely as if fire had purged them before we had hardly realized that they were menaced.

The small grain that escaped this famous green bug, in most part afterwards fell victim to the drouth, to which our then promising corn crop was also later forced to succumb.

These conditions at home, at the very time when, under happier circumstances, our own crops would have begun seeking markets, forced upon the state the necessity of buying grain when and where she could. Oklahoma, Kansas, Missouri, Nebraska, Iowa and Illinois have each contributed to our requirements. Incidentally, permit me to say that if the citizens of the state could be confronted with the cold figures of the millions in hard cash which the people of Texas, in supplying domestic needs, have expended for grain this past season, they would be appalled. I wish that they might be shown these figures, as they are of a size well calculated to inspire respect for the grain interests of the

state by teaching our citizens what a disaster to the Texas grain crop means in money, and the privations that such disaster entails. When one considers that, ordinarily, the state not only produces sufficient for its own requirements, but exports several millions of bushels, one is further impressed with the importance of the state's grain production. And yet, as things are, thanks to the niggardly policy of legislatures, no citizen of the state has any very accurate conception of what that production approaches.

It is, at best, somewhat more pleasant to handle our home production than that of some other state. High prices, vacillating markets, keen competition, delays in shipments, greater delays in transit, and, at times, questionable grading have each, during the past season, contributed to irascibility of temper. Despite these wearing influences, the past season has comparatively been singularly free of those hopeless claims for shortages, rebates on account of grades, and those other innumerable annoyances that our pioneers in the Texas grain trade will recall as having distinguished those years prior to organization when crop failures necessitated our going abroad for a grain supply. This improvement, you may be sure, has neither been attributable to accident, nor to the supposition that the world has grown appreciably better, as I hope to reveal later on.

NATIONAL ASSOCIATION.—In October last, our officers, co-operating with those of the National, and through the courtesy of certain railroad lines in providing most generously for our membership, perfected arrangements which enabled us to send a large delegation to the annual convention of the National Association at Des Moines.

The convention, the broadening influences, and the pleasures of that trip, to those of us who were fortunate enough to attend, will, for long remain a bright spot in our memories. I should like to refer at greater length to the social sides of our meeting with those men of the Northwest. I will only say that in hospitality and courtesy they well vie with the South, or any other section, at its best.

The more material benefits of that trip have been many, as each participant is doubtless, from personal experience, in position to testify.

AFFILIATION.—Our affiliation with the National Association and the several state organizations of grain dealers has rid this past season of annoyances that might otherwise have been well nigh insupportable. The National deserves our loyal support, as its work is along broad lines.

FORCE OF NUMBERS.—It must have been repeatedly demonstrated to every thoughtful one among you, that, as an association of men working together harmoniously for the general improvement of conditions affecting our business, and those retarding or handicapping the grain-growing industry, we are above the plane of sordid, self-seeking individuals. The association has not yet advocated, nor will it knowingly advocate, any measure or means that do not impress us as worthy. In some quarters the fact has come to be recognized. In others it will be recognized in time. But I desire to again say that we should have had to relate a very different story of failure and disaster had we been individually striving along the lines to which our work as an association has been directed.

If that work has not been directed towards efforts which might have given you relief from hardships borne, it is, in all probability, for the reason that you have nursed your wrongs in secret. I again revert to this topic in the hopes of drawing you out. Hitherto neither remarks nor advice has been as spontaneous from our membership generally as I should have liked.

A STATE OF DEFENSE.—The association's attitude during the season now drawing to a close has been one of armed defense, if I might so put it. Our crop failures deprived us of grain to ship, and, in consequence, we had no voice in regulating either shipments, prices or grades. The more fortunate sections which had grain to sell dictated terms, prices, etc., and we were compelled to accede to them. Under these circumstances, the association has had no such opportunities to shape policies and to plan for the protection of its members as are usually met with in those seasons when we are mainly shippers. The association has been none the less constantly on the alert. It has come to be an axiom in those circles which have adopted arms as a profession that "Preparedness is the best guarantee of immunity from war." We have been watchful and are, moreover, excellently prepared in our affiliation with other trade organizations. Has it ever oc-

curred to you to wonder how it might have been with you the past year but for these organizations and affiliations, and with every dealer a free lance? It would have been painfully different, you may be sure.

ARBITRATION.—Our arbitration features are very nearly, if not quite, above criticism. This is fairly well attested to by the fact that our rules of arbitration, for which we claim the distinction of having been the pioneers in applying these principles to grain association work, have been adopted almost verbatim by several other associations.

From first to last, we have arbitrated, as shown by the records of that committee, some 182 claims, involving something over \$16,000, with fifty odd cases this year involving in the neighborhood of \$8,000. This speaks well for the popularity of arbitration and the esteem in which our commit-

tee is held, its annually increasing business further attesting to the popularity of this method of adjudicating differences.

go to protest. I dare say you feel greatly aggrieved when advised by wire that payment of your draft for a car of stuff has been refused, and, doubtless, in language more forcible than polite, express your contempt for the man who, after having obligated himself to pay on demand, refuses to do so. A failure to pay your dues is just as much a violation of contract as would be the failure of one of your customers to pay your draft for a car of grain for which payment on presentation had been promised. Of the two, a failure to pay your dues is the more despicable, in that it is petty.

It is difficult to know just what not to say in commenting upon that class of suspensions because of refusals to arbitrate. They were pledged to arbitration when it should be required of them. Their refusal to arbitrate, therefore, brands them as

ner commensurate with the wealth and importance of our state. Indeed, there have been no displays at all that our pride would not have preferred to see omitted, as the few attempts at exhibits have proven abortive.

I shall take it as a personal favor if this convention will fully discuss this matter of Texas representation at the St. Louis World's Fair, and I would be still better pleased if it would go so far as to choose a special committee to be assigned the duty of securing subscriptions and exhibits from the various grain interests of the state, as I believe that the work of such sub-committees will prove invaluable to those entrusted with the stupendous task of having Texas well represented at St. Louis.

THE NATIONAL ASSOCIATION AT MEMPHIS.—The next annual meeting of



Annual Meeting Texas Grain Dealers Association, Waco, May 22, 1902.

tee is held, its annually increasing business further attesting to the popularity of this method of adjudicating differences.

I cannot prize too highly the public-spirited devotion to a task which carries with it neither compensation nor emolument other than the sense of satisfaction arising from a knowledge of a duty conscientiously accomplished, which has ever characterized the personnel of our arbitration committee.

Arbitration as a means to a peaceful adjudication of differences is only possible to the advanced in civilization. By such, it is conceded to be above price to those who conscientiously desire fair play.

I am at this point constrained to refer to a recent bulletin from Secretary Dorsey, from which I regret to have noted that we have been compelled to expel and suspend from membership a, under the circumstances, painfully long list of former members. These expulsions and suspensions are listed under three separate indictments, to-wit:

Refusing to submit to arbitration;
Failure and refusal to abide by results of arbitration (which list I am, for the honor of the Southwest, grateful to report as being much smaller of the three), and,
Suspension for non-payment of dues.

I can understand how, that through negligence and inattention to notices, good men could overlook the payment of their dues to the association until suspended from the list of active membership. I might, too, with a vivid imagination, conceive how it could be possible for other men not quite so good to permit their names to be dropped from the rolls through failure or refusal to submit to arbitration; but it is incomprehensible to me that men could hold their honor to be so cheap a thing as to besmirch it by a refusal to abide the decision of an arbitration court, to a trial by which they, as members, had submitted with the pledge of respecting the decision.

To the listed class last named, I desire to go on record as saying that in permitting your names to be suspended for non-payment of dues without having taken prompt steps to have your memberships reinstated, you align yourselves with that dangerous class which, "for value received," glibly "promise to pay" anything, and which, on maturity, without response of any sort, placidly allows its paper to

Hars. Moreover, such a refusal is not far removed from an admission of guilt.

As to those compound liars, that third and smaller class which submits to arbitration and then refuses to abide the result, I marvel that it has for so long kept out of the penitentiary. As a respectable body the association should felicitate itself in having gotten rid of these moral lepers.

EXCHANGE ON DRAFTS.—The lack of some uniform agreement among our trade organizations in the matter of exchange on drafts and remittances by local check is not infrequently the source of controversy and some attendant irritation. It seems to me that this question could be settled permanently if our several organizations and boards of trade would co-operate in defining the rights of both the shipper and the receiver in the matter of drawing with or without exchange in those drafts covering F. O. B., delivered, and C. A. F. contracts. I should like very much to have this subject discussed by the members.

STATISTICS.—The association has not yet abandoned its fight for statistics of agricultural products, nor will it until victory is assured. To any man who has given this subject thought, it must be apparent that the state of Texas will never come to its own in population and wealth until the overflowing populations of less worthy sections shall have been made to know something of our production, and of our resources and equipment by nature for the building of an empire within our borders which might puzzle the world to surpass.

The Hon. Jefferson Johnson, of Austin, our worthy Commissioner to the State Department of Agriculture, Statistics and History, has obligingly prepared a paper for this meeting upon the importance to the state of these statistics. This topic is discussed by a gentleman whose position qualifies him to know what is required to maintain an efficient bureau of statistics, as well as to know the hurt done the state by the lack of such bureau.

ST. LOUIS WORLD'S FAIR.—To those Texans with a particle of state pride who have visited the various national and international expositions held from time to time in this country, beginning with the Centennial Exposition at Philadelphia in 1876 down to the present time, it must have been with a sense of deep humiliation that they have failed to see the resources and attainments of Texas displayed in a man-

the Grain Dealers' National Association should hold for our members a marked degree of interest. At Memphis our dealers will have the opportunity of meeting and becoming acquainted with dealers in the Southeast to whom we have all been shipping Texas oats for years, and the benefits which would be sure to result from such a meeting cannot be estimated. It would be a great pleasure, too, to renew and extend our acquaintances with the grain men of the North and Northwest. I bespeak your interest for the Memphis meeting this early for the reason that I want you to begin right now your plans for attending.

The matter of procuring transportation arrangements will in due time be taken up through the proper channels, and I feel confident of receiving satisfactory treatment at the hands of the railroad people.

IN CONCLUSION, and before proceeding with the business and pleasures of the day, I desire to pay tribute to the loyalty and efficiency of my associates on your executive committee, and to the like attainments of your arbitration committee and those of your efficient secretary. Each of these gentlemen have displayed conspicuous ability, zeal and fealty to our organization, and merit your hearty thanks.

As to myself, my ambition has been to faithfully serve those individual interests—the Texas Grain Dealers' Association and the grain industry of our state. If any mede of success has come to me, I owe it to "the old guard" gathered here to-day, for your loyalty to the association has been the keynote to the success of this organization.

R. E. George, Div. Pass. Agt. of the Houston & Texas Central, addressed the dealers in behalf of his road as the proper road to travel over to Galveston.

Mr. Lindsay of the M., K. & T. spoke in behalf of the "Katy."

Secy.-Treas. H. B. Dorsey of Weatherford read his annual report, from which we take the following:

Report of Secretary-Treasurer.

Weatherford, Tex., May 20, 1902.
To the Officers and Members of the Texas Grain Dealers Association:
Gentlemen—I respectfully submit the an-

nual report as secretary and treasurer of your association. I deem it useless to take up your time with a lengthy report, as you have been advised from time to time of the workings of the association, and especially so since at the meeting of the executive committee when the programme was arranged, the committee requested President Harrison to include in his annual address the work and benefits of our association, and also decided that Mr. W. B. Harrison, chairman of the arbitration committee, should make a report of the work of that committee. Therefore I will take up but a few minutes of your time advising you of the membership and finances of the association.

Membership at the close of our last fiscal year as shown by my report of May 20, 1901, 148; new members admitted since, 30; total, 178.

Less resigned, 14; suspended for non-payment of dues, 18; expelled for refusing to submit to arbitration or failing to abide the decision of the arbitration committee, 6; total, 38.

Net membership, 140.

Financial Statement: Amount on hand at close of last fiscal year as per my report of May 20, 1901, \$482.88; amount received for membership fees, 30 members, \$300.25; amount received from dues, \$1,675.50; advertisements, membership list, \$25.00; amount received as deposit fee in arbitration cases, \$367.75; less amount returned successful litigants, \$202.75, \$165.00; total, \$2,648.68.

Disbursements: Amount paid for postage, \$107.03; amount paid for printing and stationery, \$49.77; expenses arbitration committee and secretary, attending meetings, \$147.65; secretary's salary, \$1,200.00; dues to National Association, \$134.00; telephone, telegraph, exchange, traveling expenses officers, committeemen and other incidental expenses, \$543.49; total, \$2,181.94.

Balance cash on hand, \$466.74.

You will note there is a decrease of only eight members and only a few dollars decrease in cash on hand. Under the existing conditions for the last year, I consider this an excellent showing, and can but congratulate the association for the loyal members it has. When it is considered that during last season our crops were almost a total failure, yet our members have stood firm to the association, I think we certainly have cause to congratulate ourselves. However, I believe that after having learned the benefits of the association last season, our members will agree it was as much, if not more service, than if we had been shipping grain out of the state. We certainly need the protection of our organization just as much when we are shipping grain into the state as when we are shipping it out, and I believe our members fully realize this at this time.

Respectfully submitted,

H. B. Dorsey,

Secretary and Treasurer.

Checked and approved, May 21, 1902.

J. P. Harrison,

G. J. Gibbs,

C. F. Gribble,

L. G. Belew,

Executive Committee.

J. Z. Keel moved the adoption of the report of the Secy.-Treas., and the motion was carried.

W. B. Harrison, Chairman of the Arbitration Committee, read the following report on the work of the committee:

Arbitration.

In the past year we have had before the Arbitration Committee 52 cases, involving some \$8,000, and with few exceptions the awards have been gracefully accepted.

It has been demonstrated by results that the Arbitration feature of our Association, is a success, promoting the interest of both the seller and buyer of grain and grain products.

The buyer feeling that he has recourse on all Association men, when there is a failure to comply with their contracts, and the seller has the same assurance when he deals with an Association man.

This state of things did not exist prior to the establishment of the Arbitration feature, now we have the certainty of settling differences at a nominal cost, entirely satisfactory to all right thinking men, whereas in the past we had to submit these matters to the tribunals of our country, which are frequently slow and usually leave an aftermath of bad feelings.

As a further advantage, I would suggest that non-members of the association be allowed the privilege of submitting their differences on the same basis as a member, that is, not charge them \$10.00 for this privilege but only \$5.00. I make this sugges-

tion from the fact we want the outsider to come to a full understanding that they can settle their differences with an association man before your committee and receive justice, as well as a member, thus avoid the courts when possible.

Arbitration is sustained by the laws of our country and the courts will affirm an award when gotten up in proper shape.

Our records show that of the differences arbitrated by our Committee, the non-member had gained more cases than the member, thus showing that your committee is no respecter of persons, and has created the impression that they will do that which is just and right.

I regret to have to say that even association men will sometimes make claims that are without foundation, we should aim at a higher moral plane than this.

I will admonish our association men that they are very lax in many instances in getting up their papers.

They seem to depend on long arguments which weary the committee, and are without weight, whereas with proper data, showing the wires in the transaction with proper letters of confirmation, etc., are all that is necessary to enable your committee to act with dispatch.

I consider being a member of the Arbitration Committee a great educator, it enables you to see the errors of your fellow man in his transactions, and thus you avoid the same pitfalls when they come before you.

This position should be sought after. I notice some of our members are being dropped from the association for non-compliance with its rules, not accepting the results of arbitration and non-payment of dues.

I think they should be dropped every time, thus we get rid of parties who are not desirable, as who wants to do business with a man that will not live up to requirements to which he has voluntarily subscribed.

J. Z. Keel opposed the proposition of Mr. Harrison to permit non-members to obtain the services of the Arbitration Committee at the same fee as a member.

Mr. E. R. Kolp: I favor it because a reduction in the cost would encourage more to arbitrate. The money is not needed.

G. J. Gibbs: I favor a scale of arbitration fees which shall increase as the amount involved increases. I would not have any fee less than \$5, but when several hundred or thousand dollars are involved I would make the fee larger.

In the absence of the Hon. Jefferson Johnson, Commissioner of Agriculture, his paper on "What benefits wud accrue from an efficient official buro for gathering and disseminating agricultural and industrial statistics and shud the Texas legislature provide means for maintaining such a buro," was read by Secy. Dorsey.

Crop Statistics.

In response to the request of your association for my views upon the necessity for official agricultural statistics by the State, I take pleasure in submitting to you a few, at least, of the reasons why, in my judgment, the Legislature should take prompt and efficient action in this all-important matter. Texas comprises about one-thirteenth of the entire territory of the United States, including her territories and insular possessions; she has sixty-five thousand square miles more than the Republic of France, and her climate is equally as salubrious, and her soil as rich and productive, and well adapted to a greater variety of products. Therefore there is no reason why in the course of time, this State should not have an equal population.

Texas is still regarded in many parts of our own country as the land of the bronco and long-horned cattle; and this delusion can only be removed by official and authoritative information gathered and freely distributed broadcast over the whole country. The value of such information can only be imagined; it cannot be calculated; for the immense possibilities of the State are such that a true statement of them (unless sealed with official authority) would be regarded by many as a fable, and would not be believed. Imagine, for instance, a territory comprising 172,000,000 acres of land, of which there are only 20,000,000 in cultivation, and with that small moiety this State produces over one-fourth (almost one-third) of the entire cotton crop of the country. She is second in the pro-

duction of cane sugar; third in the production of rice, and will soon be the first. We have more cattle than any two states in the Union, and sheep, hogs and horses are raised in large numbers.

The records of the Secretary of State show more than 6,000 incorporated industries in the State, over 1,200 of which are foreign; and all seem to be in a prosperous condition, and the number is daily increasing. This is convincing proof that capital is confident, and that these industries are considered profitable and safe investments.

Bearing in mind the vast amount of idle domain and the profitable cultivation of only a small portion, you can only imagine the vast possibilities of the State if capital and immigration can be induced to enter upon and develop the resources that we know exist. And what better advertising medium could be devised than to gather officially the statistics of the various industries and distribute them freely—not only over this State, but over the whole land, and make known to the people the opportunities that are open and waiting their acceptance? It would be a good investment for the state to spend at least \$100,000 a year in gathering and distributing these statistics—for the amount would be returned ten fold in taxes on the increased value and occupancy of her vacant lands.

The value of such statistics would be far reaching, for the stranger would learn of Texas and of her resources; the citizen would be informed upon many subjects of great value to him. He would learn of the section best suited to the industry he desires to engage in; he would learn that the advanced farmers were doubling the product of their acres by complying with natural and scientific laws of the culture of the soil; he would soon learn through the experience of others published with these statistics, that diversity, fertilization and rotation of crops were large factors in the profitable culture of the soil. Much would be learned as to the preparation of the soil, the selection and planting of seed, the proper manner of culture of the land and the harvesting of his crops. Many farmers have much to learn along these lines.

In rendering the farmer this service the State would be extending great benefit to every one of her citizens; for, after all, the prosperity of the country depends upon those engaged in agriculture and kindred industries. If the farmer fails, every industry of the State is paralyzed to the extent of the failure. The State owes this to her citizens; they pay the taxes for the support of the government, and they stand ready to come to the aid and defense of the State in any and all emergencies. It seems that our Legislatures heretofore have not been in favor of reciprocity, else they would long ago have taken action along these lines.

It has been my pleasure for several years annually to call the attention of the various Legislatures, through the Governor, to the importance of these matters, and I have done so earnestly and with all the power I had, but so far there has been no legislative fruit.

It is earnestly to be desired that means may be used to bring this matter favorably to the attention of the next Legislature, and it is believed that an effort of this kind earnestly pressed upon that body will induce them to take action to inaugurate the work upon a scale commensurate with the wealth and power of this great State.

The law should provide for weekly reports to the Commissioner during the preparation of the land and the cultivation of the crops—giving condition, acreage, rainfall, etc., and during the harvest ginners and threshers should be required to report their output, and the Commissioner to tabulate and give out to the daily press these statistics for the information of all concerned.

To inaugurate and put on foot an efficient department would cost the State about \$30,000 for gathering these statistics (for the counties should be required to pay one-half of the expense of gathering the statistical information). After tabulation it would cost about \$4 per thousand to issue the reports; and the further cost would depend upon the number of reports ordered published. These ought to be fully equal to the demand.

Texas will progress and prosper in spite of the neglect and ignoring of this important matter by the Legislature; but how much more rapid would be the advance if the Legislature could ever be awakened to the importance and value of a thorough gathering and publishing of the statistics and of the progress of the various industries and resources of the State.

We have deep water on our border, and

thousands of miles of railroad that put us in touch with the whole world. We have the raw material; and factories planted upon the ground where the raw material can be had without long transportation would soon be able to control the trade of those special products. Packeries erected near the feeding ground of the stock to be slaughtered would certainly have great advantage over those having to pay heavy transport charges. The field is open, and it is a wide one; and means ought to be used to inform the world who and what we are, and what we have to offer capital and home seekers. At least we should do our duty in a matter of such importance as this.

ment for our need of immigration could be offered than this glaring discrepancy between the tilled and untilled acres of Texas.

No state has done for itself all that could be done, nor has it rendered its due to those who for prosperity or adversity have cast their lots with her, which fails to give aid to and strive for the greatest development that her resources make possible.

An undeveloped Empire like the state of Texas neither belongs to the past nor to the present, but is the heritage of future generations. We who live in the present are the custodians, therefore, of a sacred trust to generations unborn, and those

Mr. Johnson's paper, together with a letter from the Board of Directors inviting attention to the paper and urging action on the part of the legislature.

E. R. Kolp: If the farmers know that the suggestion for crop reports comes from the grain dealers we will never get them.

President Harrison: The paper should be sent out over the signature of Jefferson Johnson. I think farmer opposition must be responsible for our not getting such reports before.

C. P. Shearn: I think every member should exert himself to have his representative in the state legislature favor the proposed bill.

W. L. Pitts, Marshall, read a paper, "In what respects are shipments of grain from our producing section unsatisfactory, and what can our association do to remedy such defects?" It follows:

Unsatisfactory Shipments; Their Remedy.

"In what respect are shipments of grain from our producing points unsatisfactory and what can our association do to remedy such defects?"

We will in a very short paper point out our conclusions after several years' experience as purchasers and distributors only. Our section of the state produces no grain or forage for shipment, but for truck, fruit and pretty women, we claim the cake.

The first complaint we have is the very often "delayed shipments for want of cars." This, if true, is the fault of the transportation companies.

The second and greatest complaint is short weights and inferior grading of the grain shipped. This is entirely the fault of the shipper. We have had dealers in Texas offer us choice bright red rust proof oats by sample, and after we bought and oats arrived and drafts paid, and we went to make delivery of goods (having sold basis sample as sent by shipper) the howls of our customers would alarm us. Upon examination we would find the oats badly stained, and, in some cases, almost unsalable in our market, and for that matter any other market. Our complaints, accompanied by a fair sample, would at times be answered by an allowance of $\frac{1}{2}$ cent per bushel, with a hint that the oats were like sample when shipped. We know there are many shippers who never see many of the cars of grain they ship, and still a few of them (and we are glad to say a FEW), contend when claim is made, that the oats were all right and like sample from which sale was made.

We bought some few years ago a lot of oats from a North Texas dealer by sample, which was strictly bright No. 2 heavy oats. We paid a fancy price for them. At the time we were offered a stained oat from another near-by point for some two or three cents per bushel less, and would not buy, as the oats would not suit our purpose. The shipment was delayed some ten days or two weeks, "claimed from shortage of cars," and after the drafts arrived, bills lading attached and were protected by us, we went to receive the goods. Lo! and behold, the oats were from the same point that the stained oats were offered from, as the billing showed, and were a very inferior grade of stained oats (later we found that they were the same stained oat that had been offered us, as above referred to), not a sack in the car was anything near the same grade as the sample. The house when notified of the grade of the oats, claimed that the sample from which they had sold had no doubt bleached in transit, and had lost a great deal of the trash and dirt that was in the original sample, but that the oats shipped were the same lot from which sample was taken. This house did not exist long, having been dissolved by cutting out the member who sold us the goods, yet they paid us a very small difference on the oats. Another thing while under the heading of oats, is the several different grades that we often find in a car. This is very unsatisfactory. We suppose that is caused from street buying and loading into cars from wagon, buying from several different producers who have different grades of oats. This should be stopped.

Again, good sacks are very essential, and we often get cars loaded with second-hand sacks of every description, from a two-bushel corn sack to a five-bushel oat sack, and the sacks in bad condition. We re-



Officers Texas Association 1902-1903.
C. P. Shearn, L. G. Belew, H. B. Dorsey,
J. P. Harrison, J. Z. Keel, G. J. Gibbs, E. Early.

I do not think the question of cost ought to be considered by the State. The question should be, How much is required? Then means should be furnished for Texas to move to the front rank of States on these lines. She is the greatest State in the Union, and this fact should be emphasized by the broadest and most liberal action.

We have the resources, the soil, the climate, and minerals of various kinds. In order to develop these great values we need more capital and people. If this information is gathered and published it will draw both. Population and capital make land valuable and business profitable. When Texas becomes populated as Massachusetts is to-day, there will be over ninety millions of people in the State, and the value of her lands almost beyond computation.

Wallace W. Andrews of Ft. Worth read the following criticism of Mr. Johnson's paper, and his motion was adopted:

Criticism of Paper on Statistics.

Apart from a recognition of its pronounced merit, I think my most acute sensation on having read Mr. Johnson's paper was that of a distinct feeling of resentment that our programme should have me down for a "criticism" of the Commissioner's paper. In my judgment the paper is above criticism in that the arguments advanced are sufficient and irrefutable.

Mr. Johnson has said: "It would be a good investment for the state to spend at least \$100,000 in gathering and distributing these statistics, for the amount would be returned ten-fold in taxes on the value and occupancy of her vacant lands."

The truth of that statement cannot be controverted, and in it we have the keynote to the plea, which the progressive interests of the state are urging that statistics be provided for.

Mr. Johnson has told us that of our 172,000,000 acres of land, there are only 20,000,000 in cultivation. No more forceful argu-

ment will judge of how we have acquitted ourselves.

As an inducement to capital and immigration and the consequent development of the state, it is doubted by those who have given the subject thought that any argument would prove so effective as the figures which should tell of our production, and of our resources for incalculably increasing that production. If no other argument could be advanced in favor of statistics, it seems to me that their influence in attracting immigration would alone be sufficient to compel recognition of the demands being made.

These comments might be pursued without limit, and yet result in no more forceful remark than that Mr. Johnson's paper leaves nothing to be said of the injury being done the state by the failure of legislatures to properly equip a bureau of statistics.

Mr. Johnson tells us that he has annually called the attention of the legislature to the need of a provision in appropriations for statistical work, but his recommendations are as yet fruitless.

It is to be regretted that there are not fewer politicians and more statesmen in our legislatures. As there are not, the friends of statistics should overlook no opportunity to interest the voters, and through them the legislators.

There is no man in the state better qualified than Commissioner Johnson to appreciate either the value of statistics or the injury done the state for lack of them. His admirable paper should be convincing to all interests, and to the extent that it be possible, it should be brought to the notice of every agriculturist and every business man in the state.

I would therefore respectfully submit the motion that the secretary be instructed to contract for the printing of a sufficient number of copies of Mr. Johnson's paper with which to supply a copy to each weekly newspaper in the state, with the request to publish. I would further move that the secretary be directed to mail to each member of the legislature a copy of

ceived some oats last fall that arrived in this shape, the sacks running in weight from eighty-five to one hundred and fifty pounds each; a great many of them we had to patch before putting in our warehouse. Uniform sacks are what we want, and our northern brothers are leading that way rapidly. A great many of them we notice are now offering goods in even-weight sacks. We know that we cannot do this in Texas as yet, for the want of proper facilities, but we surely can furnish sacks of a uniform size. The shipment of corn will apply as above mentioned on oats. The shipments of hay have been very satisfactory to us except from southern Texas, where we have had trouble with grade, as well as weight and packages, they being put up very loose and with only two wires, which causes us great loss in handling from car, as well as a loss to our customers when handling. Uniform grading in this is well as good packages is what we want.

What can our association do to remedy such defects?

First, by each individual member of the association using his best efforts to set aside the complaints as enumerated above, which can be done. Short weights and off-grades, etc., can be corrected by our association. How? By buying from responsible parties, and from members of our association in good standing only, and from those who do not intend to quit business as soon as one crop is exhausted. The little Whip-Snapper who goes in and buys a few cars and load from wagon to the car, and is not particular about weights (especially his selling weights) is not the man to try to do business with for the sake of a cent or so to the bushel.

Patronize first-class dealers who will give you what he sells you, so you can deliver what you sell the trade, and your business will prove more profitable and satisfactory in every way, and to everybody. We have noticed since the Texas Grain Dealers association has been organized, a great improvement in the mode of handling business, as well as weight and grade of stuff shipped us, hence the moral. Make it a point to keep within the confines of the Texas Grain Dealers Association and all will be well.

J. Z. Keel of Gainesville criticised the paper:

Criticism of Mr. Pitts' Paper.

I was notified a few days ago by our secretary that I had been appointed to criticize the paper just read, a copy of which he inclosed in his letter of notification.

The position of critic is not an enviable one, and when in school I always deplored the occasion, when it came my turn to be the critic of the evening. I will say, gentlemen, the paper just read in your hearing is a good one, and suggests many evils with which the receivers of grain must and do contend.

The first evil he notices is the delayed shipments, which he attributes to want of cars, and lays the fault on the transportation company. In the main we admit he lays the fault upon the correct parties, if he refers altogether to interstate shipments. But this is not true of state shipments. In making this deterioration I do so from my own experience. The commission of Texas made a ruling more than two years ago that where application for cars was made and the money tendered the agent, the car must be furnished within three days. And in this connection I will say we have never failed in a single instance to procure them. So I will say for Mr. Pitts' benefit, that in the future should a shipper in north Texas, or from any other point of the state, offer this as an excuse for non-shipment of the grain, he should consider it invalid, and lay the blame at the door of the shipper, not the transportation company.

The second objection to shipments he makes I consider well founded, namely: short weights and inferior grading of the grain shipped. We are so situated here in Texas that it is almost impossible to get grade on grain shipped from one part of the state to another unless it be to Galveston. Hence we must rely either upon the honor of the shipper or sample, and in the latter case there are good grounds for differences on both the part of the consignor and consignee. There is no doubt, gentlemen, and I think Mr. Pitts will bear me out in the assertion, that a sample of oats in the short space of two or three days will brighten up and look better than it did when it left the hands of the shipper, and much more so should it remain on the desk of the consignee until the goods arrive. But the difference should be so small that an amicable adjustment could be easily made if the parties

interested desire to do what is right; which I am sorry to say from personal experience is not always the case.

As to short weights, I will say that it is difficult to arrive at an adjustment of them in the absence of state weighers. If grain is sold delivered and nothing is said at the consummation of the sale in regard to same, it is obvious to me that destination weights must govern when accompanied by a sworn affidavit of the weigher, and right here it makes the shipper feel better and consoles him to some extent if the weigher be some other than an employee of the concern to whom the goods are shipped.

In regard to a car of grain having two or three grades of oats in it; now, if Mr. Pitts has been receiving cars in this condition he has been "bitten by an adder," which we association men denominate as "scoop shovel men;" for he has no storehouse but the car, and when his foot is on the road he is at home; and when his hat is on his head his roof is covered. I am glad to know that the party of whom he bought the bright oats and shipped him the stained ones which he had offered him at 3 cents less is not a member of the Texas Grain Dealers' Association, nor can he be and practice such fraud.

In conclusion I will say to Mr. Pitts, the allegations he makes are well founded. The fraudulency practiced by some men in our avocation is to be deplored. But I want to say to him, there is a way out of this dilemma: "there is a Balm in Gilead;" there is a good "Samaritan" that will relieve you of these complaints. Deal with no man in Texas who is not a member of The Texas Grain Dealers' Association, for I can say without fear of contradiction that when you deal elsewhere you are dealing with a "scoop shovel man," or with firms who have failed to arbitrate their differences and are no longer members.

A paper entitled, Is it practical to establish and maintain official weights and grades of grain in Texas, and if so, how can this be done? by J. A. Hughes of Howe was read by the Secretary:

Official Weights and Grades.

"Is it practical to establish and maintain official weights and grades of grain in Texas; if so, how can this be done?"

Other States have laws under which grain is bought and sold on "Official weights and grades," and we see no reason why we cannot do likewise. We certainly have learned to buy that way and the firm which I have the honor to represent has sold Northern grain in like manner, only, for some time. It has been an up-hill business, but would have been much easier if all our reliable dealers had adhered strictly to that rule.

We submit therefore that it is not only practical, but extremely impractical to buy or sell any other way. There has never been much trouble with grades of corn and wheat, as the exporters taught us quickly and well the different grades of corn; and finished nicely what the millers lacked in educating us thoroughly on wheat. Hay also has been comparatively easy, but oats have been a hard proposition.

Under the old regime one dealer could quote A, B and C Oats. Another Bright, Average, etc., and others as they might prefer, and there has not been any uniform rule in classing that commodity. Consequently there has been much confusion, many rejections, heavy losses, and all sorts of troubles. We believe all will admit that selling by sample is very unsatisfactory.

We do not think any further argument necessary in behalf of the practicability of the proposition. "How can it be done," is the harder question. We suppose it will be necessary first to have laws passed prescribing grades and providing for official inspection and weighing. This should not be very difficult, as we now have Public Weighers for cotton at every station doing business of any importance, and these officers could easily arrange to weigh and inspect every shipment of grain and hay. Competent men can be secured at every shipping point, and when types and full instructions have been furnished by Chief State Inspector, there can be no good reason why the plan should not work successfully.

When there is no such officer available at shipping point provisions could be made for stopping cars for weighing and inspection at such points as Sherman, Gainesville, Abilene, Texarkana, Marshall, Houston, Dallas and San Antonio. There will of course be some expense about this work, but we think splendid net result will follow. We have not gone into minute de-

tails, but have sought in a general way to recommend the plan. Details can be worked out later.

The grain business is no longer an infant industry in Texas, and having put away childish things, we believe our dealers will realize the necessity of inaugurating the system of "Official Weights and Grades."

Having done this they will proceed in their usual intelligent manner and ere long offer to the public a plan that will be fair alike to buyer and seller. We cannot conclude otherwise without admitting that Texas is not progressive, and we do not wish to slander our great State.

A criticism on the paper of Mr. Hughes by Mr. J. H. Harrison of Mansfield was read.

J. W. Howard favored Mr. Harrison's suggestions.

G. J. Gibbs: If you buy your grain right, you settle one-half of the troubles with weights and grades. The public weighers of Texas always give the edge to the farmers, and they have such inferior scales they can not weigh correctly. They are not willing to weigh the same load twice. In some markets, the buyers pay less than they can afford because the weighers insist on giving the farmer up weight. So long as you will pay No. 2 price for wet or damp wheat you will lose money. Do not buy grain until it is in condition. We buy from one or two farmers who guarantee their grades and weights, and we accept it gladly.

Mr. Keel: I wish we could import some of those farmers. The law providing for public weighers is unconstitutional. The so-called public weighers charge five cents a load, but the farmers prefer we would weigh it, and they accept our weights.

C. W. Myer, Belton: A farmer who came to our scales with a load of grain said he was going to have it weighed on the mills scales. I asked him which weight he expected to sell by and he replied, "The greatest weight." I told him to take his grain elsewhere.

J. R. McElroy: If we are going to have a public weigher let us enact a law requiring the weigher to guarantee his weights.

C. W. Meyer: Sometimes I experience great trouble in getting good cars for grain. One time I refused three or four cars before I received a car that you could not throw a cat thru the roof. The floors leak so badly that little grain would arrive at destination.

J. Howard Ardrey: I move we go to Galveston tomorrow night by the H. & T. C. Seconded.

Amended by the substitution of the Katy for the H. & T. C.

J. P. Harrison: I hope we will not be hasty in this matter. Defer action until tomorrow morning.

Eugene Early's motion to adjourn was carried and most of those in attendance went to the Seley-Early Co.'s office to look at the ceiling and stand for a photograph.

Thursday Evening.

The dealers assembled in Labor Hall Thursday evening, where sandwiches, cigars and liquid refreshments of various kinds were served by the citizens of Waco.

Dancing, singing and dialog by professional talent was followed by story telling.

J. Z. Keel was called to the stage and told of the greatness, beauty and charity of Waco.

Mr. Brown, who came in a private car, told all about it.

G. J. Gibbs kept the house in an uproar with stories and thanked the citizens of Waco for the entertainment tendered.

J. P. Harrison told of Uncle Ephraim.

S. J. McTiernan's poem on elevators brot down the house.

C. E. Shipp told of the confidential mule.

W. B. Harrison told a soul harrowing tale of the death of the eel.

Friday Morning Session.

The morning session was called to order at 9:45 a. m. and a paper on Are you making the Most of your Opportunities? was read by Charles S. Clark of Chicago.

The proposed excursion to Galveston was discussed and no action taken as to when or by what route they should go. Twenty-five expressed a desire to go.

A letter from Frank Kell of Wichita Falls endorsing the Corliss bill pending in Congress was read.

J. Z. Keel favored any action which should strengthen the Interstate Commerce Commission so it can carry on the work it was intended to do, and moved the endorsement of the Corliss bill. The motion was carried.

J. T. Stark offered an amendment providing for the addition of two special members to the Arbitration Committee who shud be called in to consider differences where more than \$50 were involved.

G. J. Gibbs: After giving prayerful and careful consideration to this feature of our work, I must oppose the enlarging of the arbitration committee or the appealing from its decision to itself. I have no objection to making an Appeals Board.

J. Z. Keel: If you have an arbitration committee of five, you will never have them all present. The committee seldom has all members present. It has to call in others. I believe in having the committee constituted as it is at present.

H. B. Dorsey: I believe if any member desires to appeal from the decision of the Arbitration Committee, let him deposit the amount of the award and appeal to the Executive Committee.

J. T. Stark: The majority of the members want a provision made for appealing from the decision of the Arbitration Committee.

H. B. Dorsey: I move that in cases involving more than \$50 an appeal may be taken from the decision of the Arbitration Committee to the Executive Committee, providing one of the Arbitration Committee dissents from the opinion of the majority, and the appellee deposits a certified check for the amount of the award. The fees for appeals will be \$10 from appellant's and \$5 from defendants. Withdrawn.

J. Howard Ardrey: I move that a committee of five be appointed to write out the desired amendment to the Constitution and present it immediately.

Carried, and Vice-President Sleeper appointed J. T. Stark, C. P. Shearn, J. Howard Ardrey, G. J. Gibbs and H. B. Dorsey.

The committee withdrew and Secretary pro tem L. G. Belew read the following trade rules drafted by E. R. Kolp of Ft. Worth:

Trade Rules.

No. 1. Confirmation.—It shall be the duty of the purchaser of grain to mail the seller on the day of purchase a written or printed confirmation in keeping with the specifications named in card bid, wire or sale,

setting forth the number of bushels or cars purchased, kind and grade of grain, railroad and point of shipment, price, time given for shipment, terms, billing instructions in keeping with the rules of the Texas Rail Road Commission or railroad on which the shipment is to originate at time of sale, kind of cars to be loaded and any other points purchaser may deem worthy of mention. It shall also be the duty of seller to confirm sale in writing the same day as made stating the number of bushels sold, kind and grade of grain, railroad and point of shipment, price, time within which grain is to be shipped, terms and agreement to abide by any other conditions named in card or wire.

No. 2. Time for Shipment.—"Immediate shipment" shall mean that the seller has three days in which to load and bill grain including day of sale, Sunday and legal holidays. "Quick shipment" shall mean within five days with the same specifications as above. "Prompt shipment" shall mean within ten days with the same specifications as above. Shipment within any number of days shall mean to include day of sale, Sundays and legal holidays. Contracts maturing on Sundays or legal holidays the shipment shall be made on preceding business day. Specific number of days shall be mentioned in all contracts.

No. 3. Billing Instructions.—In case grain is sold for "immediate" or "quick" shipment purchaser shall wire billing instructions unless same shall be understood or given in card bid or embodied in wire bid. In case sales are made for "prompt" or any specified number of days other than above indicated, mail billing instructions as provided in Paragraph 1 will suffice. Purchaser of grain may change billing instructions by and with the consent of the seller during the life of the contract.

No. 4. Shipment.—Should the seller find on the last day of a contract that he will not be able to fill the sale within the time specified it shall be his duty to advise purchaser by mail, wire or phone of his probable deficit, at which time the purchaser may elect to cancel, extend time of shipment, or advise seller that he will be obliged to buy in said deficit to the best advantage for his,—the seller's account,—and render a statement accordingly.

No. 5. Demurrage.—The seller shall be liable for any demurrage charges accrued on grain billed to "shipper's order" occasioned by the purchasers not having bill of lading in hand so that he could have given disposition of said grain.

No. 6. Sample Sales.—It shall be the duty of the seller of grain by sample to deliver grain fully up to sample, shipment to be made according to terms of contract. The inspection committee or some duly authorized person of the market to which the grain was billed shall pass upon such shipments provided parties at interest shall not be able to agree on a basis for such settlement. Should said committee or person decide that grain tendered was not up to sample, it shall be the duty of seller to adjust differences satisfactorily with purchaser.

No. 7. Loading.—It shall be the duty of the seller of grain on track, or to arrive, to load all cars in keeping with the rules and regulations of originating railroads and to be liable for any charges accruing by non-observance of same.

No. 8. Terms.—The word "terms" shall mean weights and grades guaranteed by shipper in market in which grain is billed as agreed upon at time of sale.

No. 9. Telegrams.—The sender shall prepay all telegrams unless by agreement party to which same is addressed has previously consented to pay for such message.

No. 10. Acceptances.—Wire and 'phone acceptances to mailed track bids must reach the office of the bidder within the limit of time specified therein. All wire bids or offers should give time limit for acceptance.

No. 11. Surplus Shipments.—All surplus shipments on track sales or sales to arrive shall be settled if demanded by either party on basis of current market price on date of shipment.

No. 12. Foreign Shipments.—No grain sold on regular market terms shall be forwarded by purchaser to points outside the State without consent of the seller.

No. 13. Invoice.—It shall be the duty of the shipper of all grain to mail purchaser or consignee on day grain is loaded an invoice of such shipment, setting forth the car, number and initial, kind of grain, actual or estimated weight, price, if to be applied on sale, otherwise the notation "consigned," amount of draft drawn and how billed.

No. 14. Weights on Corn and Oats.—Unless otherwise specified shipper to guarantee weights within 1 per cent of invoice.

No. 15. Weights on Hay.—Unless otherwise specified shipper to guarantee weights within 2 per cent of invoice.

No. 16. Rules Governing Wheat Purchases.—Destination weights and grades to govern settlement. It shall be the duty of all receivers where a difference has arisen to furnish shipper with sworn weights and copy of certificate from a competent scale expert that he had examined the scales over which the grain in question was weighed within six months from date said weights were taken, and that said scales were in perfect condition. All sales based on No. 2 wheat, fifty-nine pound (59) test, 53 lb. wheat, 1 cent less; 57 lb. wheat, 3 cents less; 56 lb. wheat, 5 cents less. Anything under fifty-six (56) pounds to be held subject to order of shipper. Margin of 10 per cent on invoice to be required on all shipments unless otherwise agreed. Wheat bought delivered, seller to pay exchange; when bought f. o. b. the buyer to pay exchange. Wheat arriving not according to contract, seller to be notified at once before unloading. If unloaded before an agreement is made, no claim to be allowed for off grade. If submitted to special inspection or investigation, the parties that were wrong in the premises should bear the expense of the investigation.

No. 17. Settlement.—Where the terms expressed in the confirmation are demand draft, bill of lading attached, the return of said draft without good and sufficient cause shall constitute a refusal of the grain, and shall be sufficient notice to the shipper that he must make other disposition of said grain. The purchaser so refusing grain on a bona fide contract shall make good the loss sustained by the shipper.

No. 18. By a "car" the following number of bushels shall be understood unless otherwise specified: Wheat, 700 bushels; oats, 1,000 bushels; shelled corn, 700 bushels; corn in shuck minimum as per tariff.

No. 19. The foregoing shall be termed "Texas Terms," and when so used the transactions made thereunder shall be settled according to said rules. The secretary is hereby authorized to have a sufficient number of the foregoing "Texas Terms" printed in suitable form and furnish them to members of this association upon application.

J. A. Stephenson, Alvarado: I move that the paper be laid on the table. Carried.

J. Z. Keel: I think Mr. Kolp's suggestions are good and merit careful consideration when we have time.

Vice-pres. Sleeper: The trade rules presented would be of value to the Arbitration Committee if adopted by this association.

J. P. Harrison: We have never received such a cordial welcome at any annual meeting as given us by the citizens of Waco and I move a vote of thanks be tendered Seley & Early and the Fort Grain Co. for the many courtesies shown. Carried.

J. Z. Keel: I move that the members select the place for the next annual meeting subject to the approval of the Executive Committee. Carried.

C. P. Shearn: I suggest Houston for the next meeting.

J. Howard Ardrey: I suggest Dallas. In the interest of the association we should hold our meetings near the center of the territory of our members.

A rising vote resulted in 26 votes for Houston, 1½ for Dallas. The vote was made unanimous for Houston.

Secy. Dorsey read the report of Committee on Amendment to Constitution as follows:

Resolved, that the following be added to the Constitution: In all findings by the Arbitration Committee involving disputes exceeding \$50.00 where one arbitrator may dissent from the finding of the committee, the loser shall have the right of appeal to the Executive Committee on deposit of an additional arbitration fee and shall be required to deposit with the Secretary-Treasurer cash or certified check for the amount of the award of the Arbitration Committee, conditioned that he will abide by the decision of a majority of the Execu-

tive Committee which decision shall be final.

The amendment was adopted.

The meeting then proceeded to the election of officers.

J. Z. Keel nominated G. J. Gibbs of Clifton for the presidency of the association. The nominations were closed and Mr. Gibbs was unanimously chosen.

Mr. Gibbs thanked the members of the Association for the honor conferred, and promised to abide by the rules of the Association and do his best to advance the interests of the association.

Wallace Andrews nominated J. Z. Keel of Gainesville for 1st vice-president and he was unanimously elected.

Mr. Keel thanked the association for the honor.

L. G. Belew nominated E. Early for 2d vice-president and he was elected unanimously despite his objection.

Mr. Early nominated H. B. Dorsey of Weatherford for Secy.-Treas. and he was unanimously elected.

J. P. Harrison, Sherman, C. P. Shearn, Houston, L. G. Belew, Pilot Point, were nominated and elected to the Executive Committee.

The meeting then adjourned.

Convention Notes.

Each absent member will be fined \$4.44.

The Brazos swelled up for the visitors, but no one fell in.

The Grain Dealers Journal was represented by Charles S. Clark.

About 20 went to Galveston Friday night over the M., K. & T.

H. D. Butts represented the Kansas City office of Richardson & Co.

J. T. Stark was quite sick on the street car returning from the ball game.

The noise from the streets drowned the voices of most of the speakers.

The only machinery man present was "Mac" S. J. McTiernan, representing the Huntley Mfg. Co.

Alvin Harbour, who makes his headquarters at Dallas, represented T. H. Bunch of Little Rock.

The H. L. Halliday Milling Co., of Cairo, Ill., was represented by F. W. McMillen of Texarkana.

All the bag men were there, including Max Ortlieb, C. E. Shipp, J. P. MacDonald and G. H. Brown.

The J. Rosenbaum Grain Co., of Chicago and Ft. Worth, was represented by E. S. Rosenbaum and Claiborne Adams.

The representatives of the Seley-Early Grain Co. and the Fort Grain Co. were present everywhere looking after the pleasure of visitors.

New members were admitted as follows: Jennings & Allen, Kosse; C. C. Graves, Royse; O. P. Lawson, McGregor; J. P. Cunningham Co., Moody; O. H. Black, Leonard.

The Executive Committee met as soon as the association adjourned and selected the following Arbitration Committee for the ensuing year: W. O. Brackett, Sherman; W. W. Andrews, Ft. Worth, and T. M. Sleeper, Waxahachie. Judge G. A. McCall of Weatherford was made attorney for the association.

On Friday afternoon the dealers remaining were tendered a ride about the city in a special car. After passing the resident sections of the city, and by the many colleges, schools and charitable institutions, the party was landed at the baseball park, and of course Waco won. One structure which the dealers passed with slight attention was the new court house—the handsomest in the country.

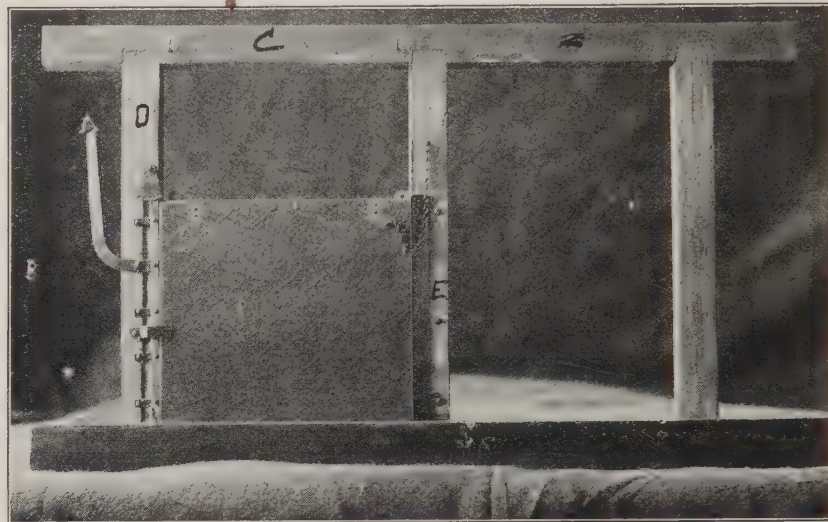
The social swim following the first day's session proved to be very enjoyable and refreshing. The temperature was high, so the old and young were ready to take advantage of the kind invitation of the Waco dealers to drop in to the pool of the Natatorium. Waco's hot springs provide an abundant supply of warm water. The sport was thoroughly enjoyed by the onlookers as well as the swimmers.

All the railroad men were there, in-

Waxahachie; T. H. Thompson, Houston; H. Waldo, Collinsville; C. J. Wilkerson, Holland; John Williams, Bells; S. C. Williams, Lorena, and W. H. Wingo, Wills Point.

The Stirrett Grain Door.

The photograph which is reproduced herewith shows a view of the Stirrett Grain Door recently exhibited in Chicago by W. L. Parrish of Winnipeg, Man.,



The Stirrett Grain Door.

cluding W. P. Lindsay, T. P. A. of the M., K. & T. R. R.; S. C. Black, T. P. A. Southern Ry.; J. G. Fitzhugh, S. F. A. Santa Fe; R. E. Eagon, S. F. A. of the C. O. & G.; A. J. Chapman, com'l agt. Q. & C.; W. B. Terhune, S-W. A. of the A. & W. P. R. R.; R. E. George, D. P. A. of the H. & T. C. R. R.; W. A. Field, C. P. & T. A. of H. & T. C.; C. S. Thompson, C. A. of Ill. Cent.; J. W. Bottorff, T. F. & P. A. of N. C. & St. L.; L. C. Neffler, C. A. of Cent. Ga., and M. O'Connor, S-W. Agt. S. A. L. Ry.

Among the dealers present were W. D. Allen, Kosse; W. W. Andrews, Ft. Worth; J. Howard Ardrey, Godley; L. G. Belew, Pilot Point; O. H. Black, Leonard; W. O. Brackett, Sherman; R. L. Brown, Lavon; B. E. Clement, Waco; S. H. Colwick, Clifton; E. H. Crenshaw, Ft. Worth; J. P. Cunningham, McGregor; J. C. Curry, Llano; J. E. Davis, Milford; H. B. Dorsey, Weatherford; Allen Early, Eugene Early, M. M. Early, W. W. Early, Waco; W. R. Fields, Howe; F. W. Fort, Waco; G. J. Gibbs, Clifton; C. F. Gribble, Sherman; J. P. Harrison, Sherman; W. B. Harrison, McKinney; C. S. Henderson, Sanger; W. T. Herrick, Whitney; Ben Hill, McKinney; J. W. Howard, Moody; C. M. Hubby, Waco; A. P. Hughston, Plano; J. M. Jensen, Clifton; J. G. Jones, Wichita Falls; J. Z. Keel, Gainesville; E. R. Kolp, Ft. Worth; D. C. Kolp, Wichita Falls; Lee Lawson, Lorena; O. P. Lawson, McGregor; E. F. Martin, Waco; W. W. Majors, Midlothian; C. W. Myers, Belton; J. R. McElroy, South Mayd; J. V. Neuhaus, Houston; E. R. Owen, Waxahachie; W. L. Pitts, Marshall; J. A. Read, Blum; S. D. Reid, Venus; T. J. Rone, St. Jo; H. Sasse, Gatesville; H. C. Schaeffer, Lorena; E. Schiff, Greenville; C. P. Shearn, Houston; D. T. Shirley, Sanger; T. M. Sleeper, Waxahachie; J. T. Stark, Plano; J. A. Stephenson, Alvarado; D. H. Thompson,

and invented by Geo. Stirrett, Brandon, Man., as it appears from the interior of the car when in position with all necessary fixtures to the two door posts.

The metal plate E is only to hold the door in place, and may be dispensed with if desired. When the car has been filled, the lever A protrudes above the surface of the grain, within easy reach of the hand. The lever lowers or raises the vertical iron bar into or out of engagement with the door. When the bar has been lowered the triangular button swings into place and holds the bar down firmly. The weight of the button keeps it in position, and the jarring of the car only wedges it more tightly. The four short horizontal bars all are pinned to the vertical bar and project beyond the door post D to hold the door back against the pressure of the grain. When the lever is pushed down from position A to position B the door at once opens out.

First Car of New Wheat Bought by J. Rosenbaum Grain Co.

The interest usually attaching to the first shipment of wheat from the new crop was heightened this season by its early date. The first shipment came on the Chicago market ten days earlier than usual.

Kell & Gibbs, grain dealers of Clifton, Tex., bought the car from the farmers at Rio Vista, Tex., and sold it to the J. Rosenbaum Grain Co., for shipment to Chicago, receiving 85 cents per bushel, or 15 cents above the market price. The wheat is a nice quality of No. 2 red winter, and tested 61 pounds from the farmer's wagon.

The J. Rosenbaum Grain Co. has donated the carload to the Rural Home for Boys, in which Board of Trade men are taking special interest, and on arrival at Chicago the wheat was auctioned off by Secretary Geo. F. Stone, to Richardson & Co., at 78¾ cents per bushel.

Seley-Early Grain Co's Elevator at Waco, Texas,

Comparatively few Texas dealers have grain elevators, most of the grain being handled in sacks thru flat warehouses. Consequently, the dealers who were so fortunate as to attend the annual meeting of the Association in Waco, recently, took advantage of the opportunity to inspect the new elevator and warehouses of the Seley-Early Grain Company.

The property occupies a site 66x184 feet. The elevator, which is about midway between the warehouses, is 30-30 feet on the ground, so that grain from its bins can be spouted to the warehouses on either side and sacked. Under the floor of each warehouse is a 12-inch screw conveyor carrying the grain to the elevator boots, from which the grain is elevated to any of the bins of the elevator proper.

The elevator has a storage capacity of about 25,000 bushels, while the warehouses will accommodate about 100,000 bushels of sacked grain. The elevator is equipped with two sheet-iron distributing spouts in cupola, by means of

Power is turned on or off the elevator heads by means of friction clutches in cupola, operated by ropes from the first floor. Power is furnished by a 40-horse power electric motor, and transmitted to elevator heads by rope drives. The cleaner and clipper are driven by belts. The dust from the clipper and separator is spouted outside of the house to a dust house.

Immediately back of the elevator 25 feet is the dump house which contains a controllable wagon dump over two hoppers, from each of which grain is conveyed to elevator boots by 12-inch screw conveyors. A wagon scale; and a dormant scale for each warehouse are provided. The company has a large local feed trade, hence runs a Bowsher Feed Grinder much of the time.

The office of the company is well equipped with telephones and facilities for promptly caring for all business presented. The officers of the company are W. W. Seley, President; Eugene Early, Vice President and Gen'l Manager, and E. G. L. Wiebusch, Secretary. The company has a large jobbing and wholesale trade and does some shipping.

Cobs.

The annual meeting of the National Hay Association will be held at Put-in-Bay, Ohio, July 10, 11 and 12.

The great American hog is bothering more about the high price of corn than he is about the high tariff of Germany.

If gasoline catches fire in a room which may be tightly closed a bottle of aqua ammonia thrown into it will soon extinguish any fire.

Remember the place for the next annual meeting of the Grain Dealers National Association is Memphis, Tenn., and the time Oct. 1, 2 and 3.

The American Farm Co., of the United States, is establishing branches in the eastern states, to buy everything the farmer raises and sell him everything he needs.

A good roads bill has been introduced in Congress by Representative Otey of Virginia, appropriating \$100,000,000 to be expended under the direction of the Department of Agriculture.

Broom corn exports, as given by O. P. Austin, chief of the Bureau of Statistics, for the eight months prior to Mar. 1, 1902, were valued at \$198,432; compared with



Seley-Early Grain Co's Elevator and Warehouse at Waco, Tex.

which grain may be diverted to several different bins. On the first floor of the elevator are a No. 7 Invincible Dustless Warehouse and Elevator Separator, a No. 8 Invincible Horizontal Oat Clipper, power shovels and beam of a thousand-bushel hopper scale, the hopper of which is above.

A receiving sink is provided for the receipt of bulk grain from cars and a flexible loading spout for loading bulk grain into cars. The two elevator legs have a capacity of 2,000 bushels per hour.

Exports of linseed oil cake during the nine months ending April 1, 1902, amounted to 417,009,742 pounds; compared with 350,643,526 pounds exported during the corresponding months of 1900-1.

Philippine Island imports of breadstuffs for the nine months prior to Oct. 1, 1901, include 28,961 bushels of barley, 77 bushels of wheat; compared with 18,188 bushels of barley, 100 bushels of corn, 48 bushels of oats and 3,189 bushels of wheat during the corresponding period of 1900.

\$179,396, their value for the corresponding period of 1900-1.

Rice crops of other countries pale into insignificance beside that of India. Exports from Bengal, Bombay, Madras, Sind and Burma for the season of 1900-1 aggregated 31,342,000 hundredweight.

The construction of good wagon roads to railway stations is promoted by the new schedule of freight rates issued by the Iowa State Railroad Commission. Stone and gravel and other road material is to be transported at slack coal rates.

PATENTS GRANTED

Hugh DeHaven, Brooklyn, N. Y., has been granted letters patent, No. 701,259, on a bale tie.

Eli W. Moore, Ann Arbor, Mich., has been granted letters patent, No. 700,697, on a hay press.

Cyrus M. Arnold, Nursery, Tex., has been granted letters patent, No. 701,785, on a baling press.

Michael Kirshner, Lynchburg, Va. has been granted letters patent, No. 701,575, on a baling press.

Thos. J. Corning, Sterling, Ill., has been granted letters patent, No. 699,661, on a baling press.

Horatio B. Osgood, Jr., Binghamton, N. Y., has been granted letters patent, No. 701,273, on a scale.

Samuel S. Rose, Amador City, Cal., has been granted letters patent, No. 700,243, on a rotary explosive engine.

Wm. J. Robb, Portadown, Ireland, has been granted letters patent, No. 700,241, on an internal combustion engine.

Albert L. Kull, Camden, N. J., has been granted letters patent, No. 700,785, on a muffler for explosive engines.

Fritz Reichenbach, Berlin, Germany, has been granted letters patent, No. 701,505, on an internal combustion engine.

John T. Metcalfe, Quincy, Pa., has been granted letters patent, No. 701,069, on a spray pump for explosive engines.

Henrik A. Bertheau, Stockholm, Sweden, has been granted letters patent, No. 700,295, on a four-stroke petroleum motor.

Emery H. Fahrney, Chicago, Ill., has been granted letters patent, No. 701,695, on an electric igniter for explosive engines.

John W. Stanton, Providence, R. I., has been granted letters patent No. 700,100, on a sparking apparatus for gasoline engines.

Edward W. Hillard and Henry Heidacker, Metropolis City, Ill., have been granted letters patent, No. 701,039, on a baling press.

Welby M. Rice, Manassas, Va., assignor of one-half to Irvan R. Wolverton, Manassas, Va., has been granted letters patent, No. 701,223 (see cut), on a machine for removing garlic from wheat.

John L. Owens, Minneapolis, Minn., has been granted letters patent, No. 699,893 (see cut) on a smut machine. The grain is passed between two rollers having a porous covering while a chemical solution flows upon the upper roll from a tank.

Perry Brown, Wilmington, Del., has been granted letters patent, No. 700,298 (see cut), on a seal lock. A rotary seal mutilator is contained in a casing which is locked to the hasp by a sliding bolt. The seal is clamped to the mutilator by a cover.

Edwin H. McHenry, St. Paul, Minn., has been granted letters patent, No. 700,072 (see cut) on a weighing machine. The material to be weighed is placed in a side-discharging hopper hung in such manner that the increasing weight exerts a side pressure indicating the weight.

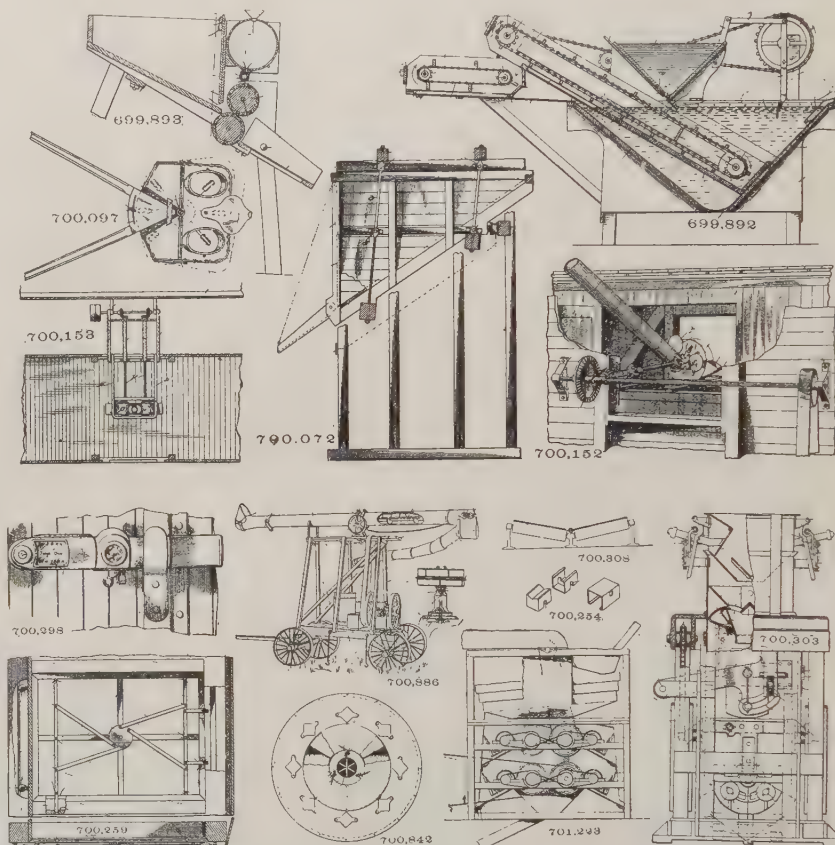
James M. Dodge, of Philadelphia, Pa., assignor to the Link Belt Engineering Co., Philadelphia, Pa., has been granted letters patent, No. 700,308 (see cut), on a conveyor belt, made of two or more independent sections arranged side by side, with their abutting edges hinged together.

Peete B. Clark, New York, N. Y., has been granted letters patent, No. 700,303 (see cut), on a vertical grain scale. The weigh-pan is supported in a frame, is movable vertically and receives its load from a hopper, the discharge from which is cut off by valves actuated by the weigh-pan.

Earl H. Reynolds, Sterling, Ill., has been granted letters patent, No. 700,152, and 700,153 (see cuts) on a car loader. Bevel gearing inside the elevator drives a telescoping shaft protruding thru the wall. At the car end of the shaft is a

Athur Atkinson, Winnipeg, Canada, has been granted letters patent, No. 700,886 (see cut), on apparatus for handling grain. On a truck is mounted a gasoline engine and an endless chain elevator with flexible discharge spout. The semi-circular elevator buckets are attached to a chain running over sprockets at each end of the cylindrical elevating tube.

John L. Owens, Minneapolis, Minn., has been granted letters patent, No. 699,892 (see cut) on a smut machine. The grain falls from a hopper into a water



casing containing the distributing fan. The loading spout feeds into one side of the casing. Fig. 700,132 shows a double loader on one frame to fill both ends of the car simultaneously.

Chas. G. Strubler, Detroit, Mich., assignor of one-half to Geo. H. Paine, Detroit, Mich., has been granted letters patent, No. 700,254 (see cut), on a scale-bearing. A traversely grooved bearing block is embraced in a casing having apertures in its sides adapted to register with the groove in the block.

John R. Thompson, Americus, Ga., has been granted letters patent, No. 700,259 (see cut), on a car door. The door-frame has a beveled inner marginal portion, a track carried by the frame, and carries a track upon which slides the laterally movable door. The door has a swinging locking bar and a pivotally connected frame-engaging door-shifting device.

Henry Smith, Milwaukee, Wis., has been granted letters patent, No. 700,842 (see cut), on a pneumatic malting drum. The rotary cylinder has a central exhaust air flue, a water reservoir carried by the drum and divided by radial partitions into compartments, a perforated pipe leading from each compartment along the flue and an automatic device to open the valves in the pipes.

tank having a false bottom, over which the washed grain is drawn by an inclined elevator trunk. The portion of the false bottom extending above the water is provided with perforations to drain the grain before discharge into the second conveyor, where it is again drained.

Benjamin F. Slenker, Panola, Ill., has been granted letters patent, No. 700,097 (see cut) on a car loader. A shaft mounted in bearings on a portable support, carries a casing provided with a curved or concaved bottom and having discharge openings at its opposite ends, either of which may be closed independently. The side of the casing is provided with two grain inlet openings, means for closing them, and a reversible rotary fan.

That rice will pop like corn is a new discovery by Professor Andrews of Columbia University.

Hallet & Co., Minneapolis, Minn.: The buyer of grain f. o. b. shipper's track should pay exchange, unless otherwise agreed. We are always willing to pay the exchange on any draft that we make, and think that it is not more than right that exchange should be paid on any draft for grain purchased f. o. b. any station.

SUITS AND DECISIONS

M. Healy has brot suit against Mr. Paters at Des Moines, Ia., for \$15,000 damages, alleged to have been sustained while unloading grain at the Mitchellville elevator.

The Zorn Grain Co.'s suit against J. L. Douglass, at Le Roy, Ill., for alleged shortage in the delivery of grain, has been decided in favor of the grain company.

The application of the Duluth Elevator Co., to the supreme court of North Dakota to set aside the unjust equalization of taxes on elevator property, has been denied. The application must be made to the district court.

Emil White of Mandan, N. D., has brot suit to recover \$4,800, lost in the purchase of wheat options on the advice of Holbert & Son, brokers. White claims he would not have lost had the brokers bought the wheat outright.

E. D. Gould is alleged to have taken possession wrongfully of the elevator at Fullerton, Neb., and to have stored too much grain, causing its collapse, wherefore the Westbrook Grain Co., of South Omaha, asks \$1,000 damages.

James and Thomas Murdock have brot suit against the Samuel Born Co., at Lafayette, Ind., for a receiver, and to obtain possession of a warehouse, alleged to be wrongfully occupied by the company under a previous lease.

A partner collecting partnership assets, though after the purpose of the partnership is accomplished, and it is dissolved by limitation, holds such assets as trustee for the partnership. *Hanna v. McLaughlin*, Supreme Court of Indiana, 63 N. E. 475.

Defective scales made trouble between farmer Bringman and Wm. G. Winters, grain dealer at Garfield, Ill. After having delivered a quantity of corn and oats the farmer claimed he had been cheated out of 300 bushels. Mr. Winters' offer to settle on the Chicago weights, which showed 40 bushels excess, was refused, and suit brot.

A quantity of white wheat delivered out of the Lake Shore Elevator at Toledo, O., was not equal to No. 2 bot by Brigham & Co. On the refusal of the elevator company to replace the wheat Brigham & Co. brot suit for \$316, the difference between the value of the grain when sold and No. 2, and were given judgment for the full amount.

In an action for breach of a contract for failure to deliver lumber, when the seller knew that the buyer bot the lumber to resell, the measure of damages is the actual value of the lumber at the time and place of the required delivery for the purpose of resale. *Pape v. Ferguson et al*, Appellate Court of Indiana, 62 N. W. 712.

A policy in the Security Insurance Co. is not good when written outside of Duluth, Minn., by its agent there, claims the company, in the suit brot by the Northern Elevator Co., to recover \$824 on grain burned in the elevator at Port Huron, Mich., Nov. 4. When proof of loss was sent, the insurance company claimed the contract was not valid, and that when its agent wired for permission to insure, it had been refused.

The McMorran Milling Co., of Port Huron, Mich., has brot suit against the National Surety Co., to recover under the bond given to secure the honesty of Amos E. Ellerthorpe, grain buyer for the company at Carsonville, Mich., and

under whose management \$5,000 worth of grain is alleged to have disappeared. The surety company contends that the bond covered only Ellerthorpe's duties as buyer, and not as custodian of the grain.

In an action on a contract for failure to deliver lumber before a certain date, as required by the terms of the contract if so ordered by the buyer, and the condition of the weather and the roads would permit of a delivery, a letter written after such date, containing an order for lumber under the contract, was not incompetent on the ground that the order was given after the date in the contract. *Pape v. Ferguson et al*, Appellate Court of Indiana, 62 N. W. 712.

A stipulation in a lease of a farm for a term of years that all property of every kind and description belonging to the tenant that shall be on the premises, or brought thereon during the term of the lease, shall be held as security for the payment of the rent and that there shall be a lien on the same for the payment of such rent, is ineffectual to create a lien for rents due and in arrears on the crops grown on the leased premises and other property not in esse at the time of the lease, but afterward brought thereon by the lessee. *Brown v. Neilson*, Nebraska, 54 L. R. A. 328.

In the case of Western Union Tel. Co. v. Waxelbaum, 39 Southeastern Reporter, 443, it was sought to recover damages for a mistake made in a telegram sent to the appellee. The message was written on a blank of one company, and delivered to an agent of another. The blank contained a condition that the company would not be liable for damages in any case where the claim was not presented within 60 days. The court holds that the use of this blank by the sender, and the acceptance of the message thereon by the telegraph company, binds them both by the reasonable terms of the contract contained upon the blank used.

The McCall-Webster Grain Co. of Minneapolis, which has during the past season maintained an office in Omaha, is about to bring suit against Thomas Baker, a wholesale feed dealer in Omaha, for shortage on 40 cars of grain shipped him, amounting in all to about \$400, the difference arising on the question of weights. McCall-Webster claim sale to have been made on official weights, while Baker returned a ticket signed by himself personally, notwithstanding the fact that cars were weighed in some instances, miles away from where he was at the time. Upon request of McCall-Webster, that he mail official weights, he refused to do so, and also refused to give any information that would enable McCall-Webster to locate shortage. As a final proposal, McCall-Webster offered to arbitrate; this by Baker was likewise refused, thereby forcing McCall-Webster into court for redress.—E. C.

Association stands for strength, for concentration, for intensity, for achievement. Isolation stands for feebleness, for ignorance, for inefficiency. It is the negation of achievement. It implies expenditure of force without proportionate result. It involves waste of physical energy, and induces mental languor and impotence. Whatever, therefore, tends to bring men together tends to lighten the burden of each, while multiplying the achievements of all.—Hon. John P. Jones before the United States Senate.

SEEDS.

Albert Dill, Mason, O., June 4: Clover and timothy very short.

Eikenberry & Co., grain dealers at Russell, Ia., ship from 20 to 50 cars of timothy seed yearly.

The Ohio state crop report, issued June 4, made the condition of clover 82 and of timothy 73 per cent.

A consolidation has been effected at Rochester, N. Y., of the firms of James Vick's Sons, Mandeville & King, Crossman Bros., and the Cleveland Seed Co.

Flaxseed exports during the ten months ending with Apr. 31, 1902, amounted to 3,873,546 bushels; compared with 2,710,131 bushels exported during the corresponding period a year earlier.

Exports of clover seed during the ten months closing with May 1, 1902, were 7,069,999 pounds; compared with 11,849,928 pounds, the amount exported during the corresponding ten months of 1900-1.

Our exports of timothy seed for the ten months ending with April, 1902, amounted to 5,683,887 pounds; compared with 6,684,173 pounds, the amount exported during the corresponding period of 1900-1.

The John A. Salzer Seed Co., of La Crosse, Wis., is contesting the demand of the government for \$5,000 duty on seed imported from Germany, alleging that the seed is not a vegetable, but is to be used as fodder.

Timothy seed presents less opportunity for adulteration than any other grass seed. It is usually pure and germinates well when fresh. Old seed is, however, sometimes sold, and this may be a total loss to the purchaser.

The total value of seeds exported from the United States during the eleven months prior to Apr. 1, 1902, was \$7,647,204; compared with \$5,969,626 and \$6,696,973, the respective values of the seeds exported during the corresponding months of 1900-1 and 1899-1900.

Our exports of grass seeds, other than timothy and clover seed, during the ten months prior to May 1, 1902, as given by O. P. Austin, chief of the Bureau of Statistics, were valued at \$296,600; compared with \$133,336, the value of similar exports during the corresponding period of 1900-01.

October is the only future that there is any trade in at present in clover seed. It will probably be for several months. It always fluctuates at this season, varying with the talk about the growing crop. June gives both bulls and bears some comfort. History does not always repeat. Look at the future rather than the past.—C. A. King & Co.

Chicago shipped during the week ending June 7, 34,500 pounds timothy seed, 40,000 pounds of clover seed, 57,944 pounds of other grass seed and 14,479 bushels of flaxseed; compared with 31,050 pounds of timothy seed, no clover seed, 70,728 pounds of other grass seed and 32,155 bushels of flaxseed, the shipments during the corresponding week a year ago.

Chicago received during the week ending June 7, 7,800 pounds of timothy seed, 29,700 pounds of clover seed, 111,400 pounds of other grass seed and 158,350 bushels of flaxseed; compared with 86,700 pounds of timothy seed, 8,230 pounds of clover seed, 480,518 pounds of other grass seed and 49,354 bushels of flaxseed, the amount of receipts during the corresponding week of last year.

GRAIN TRADE NEWS.

CANADA.

Collins Bros. have purchased the warehouse and grain business of H. Stokes at Sombra, Ont.

It is now understood that no elevator will be built at Point Edward, Ont., by the Grand Trunk Railway.

L. L. Morton of Gladstone, Man., is on his way to England and Scotland, and will be absent two months.

The Farmers' Elevator Co., at Russell, Man., will erect a 30,000-bushel elevator at that place. Arch. R. Lingley will receive bids.

The Grand Trunk Railway Elevator at Port Hope, Ont., has been closed and will remain so until June 15, while repairs are being made.

The firm of Gilmour & McBean, composed of Percy H. Gilmour and Geo. A. McBean, grain merchants at Montreal, Can., have been dissolved.

The elevator which the Winnipeg Elevator Co. is building at Gainsboro, Man., is 75 feet high and has a capacity of 27,000 bushels. It is now near completion.

The Darlingford Elevator Co., Ltd., has been incorporated at Darlingford, Man., with \$3,000 capital stock. Directors: Benjamin Swanson, John Story and others.

The Canadian Pacific Ry. has let the contract to the Macdonald Engineering Co., for a 2,500,000-bushel steel storage elevator, to be erected on the Macdonald steel bin plan at Fort William, Ont.

Vesselsmen complain of the poor elevator facilities at Fort William, Ont. Boats are delayed many hours, sometimes days, in taking on a cargo that would be loaded in a few hours at Duluth or Superior.

G. A. Stewart, grain buyer at Home-wood, Man., for the Dominion Elevator Co., of Winnipeg, has been found guilty of stealing wheat from the company's elevator, and has been sentenced to a term in Winnipeg jail at hard labor. His fate is a warning to others who may be disposed to make free with their employer's property.

The Frontenac Cereal Co., Ltd., has been incorporated at Kingston, Ont., with \$600,000 capital stock, to manufacture and deal in grain, and cereal products. It will succeed to and conduct the business of the Frontenac Milling Co., Ltd., and the Kingston Elevator & Transit Co., Ltd. Incorporators: William Harty, Henry Mooers and others.

Manitoba grain shippers desire that the Canadian Pacific Railway cover the grain in the different elevators at Fort William, Ont., with a blanket policy. At present a shipper who may have insurance in each elevator cannot be certain that his loss is covered for his consignment may be stored in one elevator where his insurance is limited, while his insurance in the other houses is of no value to him.

W. L. Parrish, Winnipeg, Man., June 3: Our grain making great progress as far as growth is concerned; only fear is that of too much straw, but are looking forward to having fully as much grain as last season. Forty million bushels of wheat have already been inspected at this point; and with what is still in farmers' hands, the amount ground at country points, and used for bread and seed by farmers; there is no doubt that our crop last season was not short of 60,000,000 bushels.

The contract given the Barnett & Record Co., of Minneapolis, Minn., for a 1,600,000-bushel elevator at Port Arthur, Ont., as reported in the last issue of the Journal, calls for the completion of the plant by Jan. 1, and will be a fair test of the speed with which a house of this character can be erected. The building will consist of 64 tanks and 49 intermediate bins, all hoppers for discharging by conveyor belts. The house will form a storage annex to the 1,100,000-bushel terminal elevator of the Canadian Northern Railway.

CHICAGO.

The Eckhart & Swan Milling Co., has purchased a site and in all probability will erect an elevator and mill.

The earliest delivery of hay on record in the Chicago market was made May 31.

The car was from Arkansas, and sold for \$12.50.

Claiborne Adams, formerly with Gill & Fisher, is now with J. Rosenbaum Grain Co., at its Fort Worth office.

The burglars who seriously wounded Daniel Hill, the wealthy Board of Trade operator, on the night of May 25, have not been found.

The Grain Fruit Cereal Co. has been incorporated with a capital stock of \$10,000, to manufacture cereal food products. Incorporators: Sumner C. Palmer, David Rosenheim and George W. Thumm.

H. H. Peters, of Bartlett, Frazier & Co., has returned from California after a six months' absence. His many friends are pleased to observe that he went to the Coast very sick he is now a well man.

E. A. Armstrong, who has represented Milmine, Bodman & Co., for the last eight years in Iowa, will be married to-morrow to Miss Messervy of Ft. Dodge, Ia. The bride and groom have the best wishes of the groom's host of friends in the trade.

Wallace Armstrong, who has been with W. R. Mumford Co. for five years, has disposed of his interest in the company and taken an interest in the Updike Commission Co., which has offices in the Rialto Building. Mr. Armstrong had charge of the option business.

A few of the private wire houses have been permitting the free use of the wires by certain Philadelphia and Baltimore merchants to bid the west for grain. It is complained that this practice is a violation of the commission rule, and the directors of the Board of Trade have been asked to take action.

J. H. Eggert, who was expelled from the open board of trade several months ago, after having been a member for 20 years, has been arrested on the charge of swindling women out of sums ranging from \$15 to \$25. His victims alleged they trusted him with money for the purchase of wheat, after which he disappeared. Eggert claims the money was lost by the decline of the market.

James H. Patten's corner of oats ended May 31 with the bidding of the price up to 4 1/2 cents for the May future. Mr. Patten says: I never had a line of 10,000,000, but the aggregate was over 9,000,000 bushels. I began buying in July when it was evident there was going to be a great shortage in the crop, and the average cost was 37 cents a bushel. There have been delivered about 1,800,000 bushels on the May contracts, of which 500,000 bushels are still to be sold. I would not care to estimate the profits. They are reasonable and I am satisfied, but the rest of the cash grain remains to be sold, and I cannot tell what price it will bring. There has been no loss in that sold so far.

ILLINOIS.

An elevator is being built at Drake, Ill. Boggs & Davis are erecting an elevator at Decatur, Ill.

J. G. Hermann has bought a site for an elevator at Fair Grange, Ill.

Keely Bros. are contemplating the erection of an elevator at Nora, Ill.

A. C. Street, Ohio, Ill.: Can't get along without the Grain Dealers Journal.

William Murray, grain dealer at Savoy, Ill., will build himself a residence.

C. W. Brown & Co., of Decatur, Ill., have moved their offices and built an addition.

Buckley, Pursley & Co. are contemplating the erection of an elevator at May-ton, Ill.

C. E. Timberlake & Co. have purchased the elevator of Lockhart Bros. at Martin-ton, Ill.

L. O. Hayward, who has bought the elevator at Medora, Ill., may purchase new machinery.

The Tuscola Grain & Coal Co. of Tuscola, Ill., has increased its capital stock from \$250,000 to \$200,000.

Bartlett, Kuhn & Co., grain dealers, Terre Haute, Ind., will erect an elevator at Riola, Ill., on the C. & E. I.

Charles Hartsook, it is reported, will conduct the elevator at Maquon, Ill., in connection with his lumber business.

E. F. Verry & Son are planning to build

an elevator of between 80,000 and 100,000 bushels capacity at Armington, Ill.

R. A. Groch, a bucket-shop operator of Danville, Ill., recently left town more suddenly than desired by his patrons.

The grain left in Smith & Hippen's elevator at Pekin, Ill., after the fire, was purchased by the Toledo Salvage Co.

Ed Morris has begun the erection of a new elevator at Magnet, Ill., to replace the one which was burned some weeks ago.

The Rogers & Bacon Grain Co. is repairing its elevator at Heyworth, Ill., and putting it in better shape to handle the coming crop.

The R. F. Cummings Grain Co., recently incorporated with \$9,000 capital stock at Clifton, Ill., has interests at Chebanse, Gilman and Loda, Ill.

The regular monthly meeting of the Illinois Valley Grain Dealers Association was held in the Columbia Hotel, Streator, on Thursday, May 29.

New glucose works are contemplated at Waukegan, Ill., by C. M. Warner, of Syracuse, N. Y., who is forming a company with \$3,000,000 capital.

The Farmers Grain, Coal & Lumber Co. of Bloomington, Ill., has decided to rebuild its elevator. J. A. Duncan has charge of matters at the office.

Aug. Rosenberger has succeeded W. A. Rosenberger in the grain business at Papineau, Ill., and will be at the old stand to receive his many friends.

Aug. Rosenberger, Papineau, Ill., June 1: Oats looking fine; corn planting finished; crops have good start; rains too general and some fear of grain drowning out.

John Bird, who recently succeeded A. L. Wolfrom at Sharon, Ill., has entered into partnership with Lilley Bros. & Co., and the new firm name will be Lilley Bros. & Bird.

Morrison & Grindley have transferred G. H. Ricketts from the elevator at Savoy to their house at Claytonville, Ill. Mr. Ricketts' brother will take charge of affairs at Savoy.

L. Hutchinson, Sibley, Ill., June 4: Entirely too much rain; oats very rank and liable to rust and lodge; corn generally looks well; except in low places where the water stands.

It is reported that C. J. Meyer will erect a grain elevator at Peotone, Ill. Two regular dealers now have elevators at that place. Mr. Meyer is attempting a scoop shovel business.

Press reports are being industriously circulated to the effect that broomcorn will be very dear, on account of alleged reduced acreage, damage by chinch bugs and the 17-year locust.

The Peoria Board of Trade has memorialized Congress to reduce the excise on spirits from \$1.10 to 70 cents per gallon, with a view to increasing the consumption of alcohol in the arts.

August and Edward Plagge have purchased their brother William's elevator at Monee, Ill., and will make various improvements. Larger cups and a loading spout will be installed.

The Lerna Elevator Co., of which W. L. Funkhouser is a stockholder, will erect a new elevator at Lerna, Ill., to replace the one burned last November, which was owned by Mr. Funkhouser.

Geo. M. Filstead of St. Louis has recently finished the Southern Elevator at East St. Louis, Ill., and is at work on a house for the H. C. Cole Milling Co. of Chester, Ill., in a small and as yet nameless town.

The McDowell Farmers Elevator Co. has been incorporated at McDowell, Ill., to build and operate a 20,000-bushel elevator. Capital stock, \$2,500; incorporators: Arthur Moale, Chas. Cottrell and Rudolph Pager.

Weller Mfg. Co. has placed orders with the B. S. Constant Co., for two chain grain feeders, using the new B. S. C. chain, one for S. A. Hendee, Table Grove, Ill., and one for the Piercetown Milling Co., Piercetown, Ind.

The Howard Grain, Elevator & Mercantile Co. has been incorporated at Howard, Ill., with \$5,000 capital stock, to deal in grain and general merchandise. Incorporators: C. G. Garber, Geo. L. Beatty and W. S. Hinton.

The Costello-Weiser Grain Co. has been organized at Stonington, Ill., and will succeed Weiser & Son. Fred F. Weiser, who owns a small interest in the firm, will act as resident manager. Thomas Costello and John Crocker of Maroa are the other members.

James A. Keeler has purchased the warehouse and grain and feed business of Hubbell Bros. at Harvard, Ill., where the firm entered business about 23 years ago. F. J. Hubbell will spend some time in California and E. C. Hubbell will assist Mr. Keeler for a while.

Geo. A. Starz, Lake Fork, Ill., June 6: Corn looking fine; most farmers are crossing it; oats short of straw but since the rains are doing well, and we look for average crop; pastures short; had two small showers, which did a wonderful good, but are in need of a good rain.

After nearly a year's illness from Bright's disease, Cornelius A. Haring of Peoria, Ill., died May 20, aged 56 years. He was grain inspector of the Board of Trade for seven years, buyer for Bartlett & Co. nine years, and another two years was employed with Mr. Thompson of Peoria as traveling man.

Masters & Fuller, Fidelity, Ill., June 3: Wheat looking fine with good acreage; oats small acreage but fair growth; corn good acreage, but all not growing as it should; mostly well cultivated and having good stand; hay very light, most meadows contain weeds.

John E. Tjardes, Saybrook, Ill., June 6: Acreage of corn and oats in this vicinity about the same as last year; condition of both all that can be desired at present, although oats are in danger of making a rank growth on account of too much rain lately; very small amount of old corn on hand; practically no oats left in farmers' hands.

Harry Allen, who recently purchased Mr. Eversole's elevator at Broadlands, Ill., says: I am doing a fair business considering what grain there was to handle. Crops of all kinds looking fine. The Allerton business will be run under the firm name of H. Allen & Anderson. Mr. Eversole will retire from the grain business.

F. M. Cutler has bought the 20,000-bushel elevator at Carthage, Ill., of Clark & Co. and is remodeling it. He has installed Marcellis elevating machinery, a 12-h. p. Lewis Gasoline Engine and a Sterling Loader. In his elevator at Ferris, a 10-h. p. engine replaces the 4-h. p. one and a Sterling Loader has been installed.

W. F. Funkhouser, Lerna, Ill., June 3: Crop conditions good with full acreage of corn and good stand in fine condition; 120 per cent acreage of oats looking fine; very small acreage of wheat but good, will make 25 or 30 bushels if nothing happens; grass good, both timothy and clover; broom corn 100 per cent acreage; favorable for large crop.

An elevator at Champaign, Ill., belonging to B. C. Beach & Co., was destroyed by fire on the morning of June 1. The machinery, the building and the small amount of grain it contained, are a total loss, amounting to \$5,000. Insurance, \$3,500. The office was also slightly injured. The elevator was erected in 1879. It will be rebuilt.

W. A. Rosenberger of Papineau, Ill., who recently filed a petition of bankruptcy, has been placed under arrest by Arthur Langelier, one of his creditors, and was held in \$500 bail until trial could be given. His total liabilities are \$11,700 and assets, \$3,180. One claim of \$2,100 owed to Curry & Co., grain brokers at Chicago, is said to have been the consequence of speculation.

O. L. Gray of Watseka, Ill., has been very busy for some time repairing and remodeling his elevator. Besides increasing the capacity, he has put in \$600 worth of new machinery, including Marcellis sheller, cleaner, ear corn elevator and a controllable dump. He now has one of the finest elevators on his line, in which everything is run by electric power. "Press the button and the wheels roll."

On the night of May 24, a storehouse in connection with the oatmeal mills operated by David Oliver and under the control of the Western Cereal Co., at Joliet, Ill., was struck by lightning and destroyed by resulting fire. Its contents, about 10,000 bushels of corn and 7,000 bushels of oats, were injured. Loss: On grain, \$4,000; on building, \$3,000; all covered by insurance.

Edmund Burt, Shannon, Ill., June 6: Larger acreage of corn than last year; less oats and wheat; more rye and barley; corn badly washed out in places and on low ground very weedy; oats very rank on low, rich ground with a tendency to lodge; some rye and corn damaged by bad hail storm the first of this month; too much rain at present to plow the corn; nearly all old oats shipped out; little corn in farmers' hands but too wet to shell at present.

J. E. Smith, Birds, Ill., June 5: Crop prospects very satisfactory; wheat has made great progress since rains set in and a good average crop is assured; our country will have as much or more wheat as last year, though not so good on sand but far better on clay lands, with large increase in acreage; corn growing fine; oats very promising; meadows a little short but improving very much; potatoes very prom-

ising; fruit not abundant but fair outlook; on the whole we have no complaint to make; harvest will commence in about two weeks.

The success of the Hess System of drying as applied to the parching of oats for milling has been so pronounced, in the plant of the Morris Oatmeal Co., that W. G. Norton, president of the company, has ordered a second machine, to be installed in the plant of Norton & Co., at Lockport, Ill. This machine will supersede the present system of drying in the Lockport mill, and will have a daily capacity of 5,000 bushels of oats. Norton & Co. make a fine grade of package goods, and with the new drier will be able to produce oatmeal of high flavor and absolute uniformity.

INDIANA.

S. E. Glime has sold his elevator at Fremont, Ind.

E. W. Finch, Veedersburg, Ind., June 3: Oats and corn look fairly well; wheat, poor, spotted and weedy.

T. W. Swift, of McLane & Swift & Co., Battle Creek, Mich., will erect a grain elevator at Union Mills, Ind.

Jos. Bridge, formerly operating the elevator at Sedalia, has bot the elevator at Hedrick, Ind., of A. W. Yerion.

Bauman & Co., Chase, Ind., May 28: Prospects for corn and oats fairly good. Light frost last night, no damage.

Crabbs & Reynolds of Crawfordsville, Ind., are renewing their conveyor at Reynolds, Ind., with Constant's B. S. C. chain.

Hurd & Son of Onward, Ind., are making some repairs and replacing the old boot with one of Constant's Water-tight Boots.

A grain elevator owned by George C. Wood at Nevada, Ind., containing a large amount of grain, was burned June 1, causing \$5,000 loss.

W. M. Home, agent Thomas Elevator Co., Rugby, Ind., June 6: Wheat outlook the best in this locality for years; good prospects for a large crop.

Dickson Grain & Coal Co., Plainfield, Ind., June 5: This locality not a good wheat growing country; corn prospects are for average yield; wheat thin with long heads.

Murphy & Ryburn, Glenwood, Ind., June 3: Wheat looking fine; nothing preventing will have large harvest in this section; clover fine; corn doing fairly well, but rather small.

The defendants in the bucket-shop suit of the Chicago Board of Trade against P. E. Mutchner and others, on June 2, filed their answer in the United States Court at Indianapolis, Ind.

Wilson & Boyd, Russellville, Ind., June 6: Prospect for corn and oats in this vicinity excellent; oat acreage rather less than last year; corn acreage about the same; wheat acreage somewhat larger.

B. Noftsgar, Rochester, Ind., June 6: Full average wheat acreage; fair improvement in last 30 days; oats look well with about average acreage; too wet for corn in low ground; prospects not very good.

J. D. Hawk of Watseka, Ill., has bot a half interest in the elevator of W. G. West, who succeeded R. M. Sims at Aylesworth, Ind. The new firm of West & Hawk expect to build an elevator at Rob Roy, Ind.

Isaac Brumback, Hagarstown, Ind., June 4: In Jefferson township about two-thirds acreage of wheat sown; will make about one-half crop; oats looking good but short; corn looking good; with large crop planted; grass fine.

D. A. Baker has a force of carpenters at work on his new elevator at Butler, Ind., power for which will be furnished by steam, a 30-h. p. automatic engine and a 35-h. p. boiler bought from the Pittsburg Shafting Co., being used.

Theo. H. Reed, Rushville, Ind., June 6: Acreage: Wheat 100 per cent, corn 125 per cent, oats 75 per cent, clover 110 per cent, timothy 75 per cent, grass 110 per cent; condition of all crops, 100 per cent; growing grain never looked better; prospects very bright for extra large crop.

P. Hill, Sandborn, Ind., June 6: Wheat acreage about 80 per cent of average; condition favorable for 68 or 70 per cent of good crop; great deal of rust on blades but may not injure it much unless it gets on stalk; crops on good land, in good condition; on poor land very poor; harvest will begin in 10 or 12 days.

On the evening of May 27 railroad employees discovered a fire in the elevator of H. C. Arnold & Co. at Bluffton, Ind. An old broom saturated with coal oil was found in one of the elevating shafts, showing the fire to be the work of incendiaries. A few minutes later the building would have been doomed, together with thousand of bushels of grain.

W. J. Leiter, Rochester, Ind., June 6: Wheat acreage about on an average with former years; condition about 65 per cent of an average crop; injured by dry, cold winds in April preventing it from starting and leaving it very thin on the ground; what is left heading well; oat acreage about the average; tops browned with late frost; improving with late rains; large acreage of corn; early planting injured some by frost; late planting coming up nicely; some complaint of cut worms.

R. P. Moore Milling Co., Princeton, Ind., June 6: Farmers will begin to cut their wheat about the middle of this month; while the yield will not be as large as last year we believe the quality will be good; wheat looking well, good color and good heads, but stalks are short and in some places quite thin on the ground; fields are free from weeds and weather conditions almost perfect for planting the grain; we k for about 80 per cent of a crop.

A meeting of the Western Indiana Division Grain Dealers National Association was held at the hotel Lahr, Lafayette, Ind., June 6. W. W. Alder was chairman. Two leading topics of discussion were: Discrimination by Railroads in Rates Between Large and Small Shippers, and What to Do to Put Them on an Equal Basis; and Mutual Fire Insurance. The advisability of having the Grain Dealers National Association organize a company for the mutual insurance of elevators was considered. Among those present were: W. F. and C. W. Starz, Fowler; Cloyd Lowry, Monticello; S. B. Sampson, Indianapolis, state secretary; J. C. Sellers, Darlington; M. J. Lee, Crawfordsville; J. O. Finch, Clarks Hill; H. C. Clark, Colfax; J. T. Gehring, Indianapolis; H. M. Freeman, Sims, Ind.; William Martin, Danville, Ill.; M. A. Current, State Line; J. S. Henry, Wingate; M. O. Bridge, Frankfort; Ira Cadwallader, West Lebanon; J. W. Hull, Attica; O. H. Davis, Marshfield; H. C. Martin, Attica; W. B. Foresman, Glenn Hall and Burl Finch, Clarks Hill.

IOWA.

Wm. Andrews & Co. are building an elevator at Morse, Ia.

M. C. Berry, Ollie, Ia., May 30: Growing crops looking fine.

The Atlas Elevator Co. will enlarge its elevator at Sioux Center, Ia.

H. D. Everingham of Ft. Madison, Ia., will build an elevator at Stockport.

A. Milligan has sold his elevator at Brushy, Ia., to E. D. Vorhes of Ackley.

W. B. Trullinger will act as manager for the Iowa & Nebraska Grain Co. at Farragut, Ia.

F. M. Slagle & Co. will erect a modern elevator at Hosper, Ia., on the site of the old one.

Terwillinger & Dwight will install a new dump and sheller in their elevator at Sioux Center, Ia.

The Sioux Grain Co. of Jefferson, S. D., has bought the elevator at Struble, Ia., of D. Vander Berg.

T. S. Spencer has bot out Van Patten & Garrison the only regular dealers at Af-ton, Ia., and will erect an elevator.

Mr. Fleming, grain dealer at Westfield, Ia., visited at Ethan, S. D., recently in search of a good location for an elevator.

G. Draayom, Hosper, Ia., June 4: Small grain never looked better; corn stand also fine; considerable old corn in farmers' hands.

J. W. Carden, Rose Hill, Ia., June 3: We are having fine rains; small grain doing fine; corn good stand; meadows and pastures good.

I. L. Patton & Co. will enlarge and remodel their elevator at Laurel, Ia. Dwight Patton of Dexter is now employed at the plant at Laurel.

D. Vander Berg, Sioux Center, Ia., June 4: Crops looking fine; weather dry; need rain soon to aid late planted corn; early planted looking well.

The Hamlin Grain Co. of Des Moines has purchased the elevator at McCallsburg, Ia., heretofore owned by the St. Paul & Kansas City Grain Co.

The new elevator of Elliot & Son, of Whiting, Ia., will soon be completed. Its equipment will include an improved 6-in. 10-duct Hall Distributor.

R. M. Wilkinson of Washington, Ia., formerly of Stockwell, Ind., writes: Please send the Grain Dealers Journal to Washington. Couldn't do without it.

Cassaday & Whiting are completing a new elevator at Whiting, Ia., and its equipment of machinery will include an improved Hall Grain Distributor.

J. R. Ratekin & Son, Shenandoah, Ia., will install a No. 9 Special Clipper Cleaner with traveling brushes in their seed elevator, which they are overhauling.

The Northern Grain Co. has the material ready to build its elevator at Fairfax, Ia. A gasoline engine and automatic dump will be some of its equipments.

Jos. Norton of Creston, Ia., was in Chicago last week. He reports the prospects for the corn and oats crop in southwestern Iowa better than ever before.

John Osborne, of Scranton, Ia., will equip his new elevator with machinery furnished by the Marseilles Manufacturing Co., including an improved Hall Grain Distributor.

The Atlas Elevator Co., successor to the St. Paul & Kansas City Grain Co., at Maurice, Ia., will improve and enlarge its house, and put in a line of coal and lumber.

S. A. Sanford, who has been in the employ of the Western Grain Co. for a number of years, has succeeded L. A. Damon, as manager of E. A. Brown's elevator at Alta, Ia.

The D. Rothschild Grain Co. will spend about \$10,000 in erecting an addition and installing new machinery in the Seaverns Elevator, which it recently purchased at Davenport.

Brown Hedge of Holton, Ia., has taken charge of the elevator at Perry, Ia. Mat Young will be employed by Mr. Bowersock of Lawrence and Frank Leech will take up other work.

Danners Bros. have taken possession of their recently purchased elevator at Blanchard, Ia., and will make some repairs. McKee & Walkinshaw were the former owners.

G. H. Lee of Galt, Ia., informs us that the elevator which J. N. Johnson & Co. will build at that place will have a capacity of 10,000 bushels and be fitted with new machinery throughout.

M. C. Berry of Ollie, Ia., writes: Please do not insert my advertisement any more, as I have sold my elevator, one shot in the Journal being enough. I sold to the Kinsella Grain Co., of Omaha, Neb.

W. M. Bassl, agent for the Wells-Hord Grain Co., Chelsea, Ia., June 2: Having plenty of rain; good stand of corn with good prospect; oats good prospect, but very large and rank, will be apt to lodge.

G. M. Gwynne of Essex, Ia., informs us that Messrs. Stearns and Poe have purchased the grain elevator and flouring mill of Liljedahl Bros. at that point and will continue the business under the firm name of Stearns & Co.

Earl Garman, who some time ago, while in a fit of anger, shot his father, L. M. Garman, grain dealer at Glenwood, Ia., with the intent to kill, pleaded guilty to the charge and was sentenced to five years of penitentiary life.

Anderson Bros., Sheffield, Ia., June 6: Oat acreage increased over last year 10 per cent; corn, 15 per cent; wheat and barley, 10 per cent less; no rye planted; growing condition extra good; will be double crop of hay compared with last year.

Geo. D. Wernli of Le Mars, Ia., informs us that a number of local parties are planning to build a 60,000-bushel elevator in connection with a 500-barrel mill and corn meal plant at that point, for which a site has been selected near the Illinois Central.

The W. S. Cleveland Elevator Building Co. has secured the contract for the erection of four annexes for the Tri-State Elevator Co. of Minneapolis. The buildings will be at Lowther, Sumner, Bailey, and Devon, Ia., each to be of 30,000-bushels capacity.

Geo. B. Rait, Sheldon, Ia., June 4: Crops looking fine; never looked better; good rain would do lots of good especially to corn; wheat acreage decreased 10 to 15 per cent; barley same as last year, but increased north and west of here; oats and corn increased 10 per cent each.

W. J. Flala & Co., Lisbon, Ia., June 5: Have been having heavy rains for a week or ten days; oats very rank; great many flat on ground; prospects very poor if we have much more rain; corn very weedy; many fields flooded and many others washed out.

E. E. Bryan, agent, Trans-Mississippi Grain Co., Sargeant Bluff, Ia., June 7: Acreage of corn compared with last year 110 per cent; growing condition 100 per cent; wheat acreage about 80 per cent; growing condition 100 per cent; oat acreage about 90 per cent; growing condition 100 per cent.

The Farmers Elevator Co. of Gowrie, Ia., has selected a site for an elevator and the contract has been let for the building as well as for a full line of machinery, including engine and scales. The plant, which will be located on the M. & D., will include a brick office and engine room and cost about \$3,000.

L. C. Dole, agent, Nye & Schneider Co., Sloan, Ia., June 7: Wheat looking very well; recent heavy rains in this vicinity will go towards making a fine crop; large acreage of corn; somewhat damaged by dry weather and bugs; considerable replanting done; very little barley and rye sown; oats looking well, but acreage small.

C. W. Jones, agent Skewis-Moen Co., Sioux Rapids, Ia., June 6: Acreage of wheat and barley light; large acreage of oats sown this spring; growing grain looks fine; early oats beginning to head and promising a large crop; good stand of corn and fair size for the time of year; prospects in general favorable for a large crop.

L. S. Gambs, cashier, Rice's Bank, Smithland, Ia., June 6: Grain acreages in this section about the same as last year; ground rather dry up to yesterday when we received a good general rain, putting everything in excellent condition; yield of rye will be short on account of dry weather, but prospects for other grain are now good for a full crop.

KANSAS.

Ward & Ayres are enlarging and remodeling their house at Gardner, Kan.

P. H. Pelkey, Winfield, Kan., May 23: Lots of rain here all the week; streams overflowing.

J. M. Miller has gone from South Haven to Kiowa, Kan., where he will represent the Miller Grain Co.

H. Work & Co. have just completed a new warehouse for feed, flour and seed at Bunker Hill, Kan.

Samuelson & Nelson are putting up a new office building in connection with their elevator at Hiawatha, Kan.

S. H. Flenner, manager Abilene Milling Co., Abilene, Kan., May 15: We had big rain here; things look brighter.

Auffer, Heide & Co. of St. James, Mo., are breaking the ground for an 80-barrel flouring mill at South Haven, Kan.

Ward & Ayres, Gardner, Kan., June 5: Wheat harvest will begin in about ten days; crops looking fine; plenty of rain for growing crop.

A meeting of the grain dealers and millers of Kansas was held May 20 at Wichita, Kan. A resolution that the millers buy only from regular dealers was defeated.

Charley Williams, engineer at the Olathe Mills and Elevator, at Olathe, Kan., recently received numerous bruises and burns from an explosion of some gasoline saturated rags which he threw into the furnace.

A. Terrell & Sons, Attica, Kan., May 26: Southern Kansas has been blessed with soaking rains; we hardly know our own wheat fields since the rain; outlook brighter; wheat standing will make 70 per cent compared with last year's crop; oats immense; good prospect for corn, also for fruit and vegetables.

P. H. Pelkey has begun work on the following elevators in Kansas: For the Rea-Patterson Co., 5,000-bushel house at Angolia, 10,000-bushel house at Elk City; for the farmers, at Darlow, 10,000-bushel house; at Argonia, 10,000-bushel house; at Coats, 10,000-bushel house; for Peck & Edwards at Hazelton, 5,000-bushel house.

J. A. Roth, Caney, Kan., June 7: Wheat acreage about the same as a year ago; but will not have over one-half crop as bottom lands are under water the third time in three weeks and but a small per cent will be saved; oats acreage about double and oats are fine; corn acreage about the same as last year; all drowned out in bottom lands; on uplands doing fine.

E. L. Jacob, Bunker Hill, Kan., May 29: Good rains last week improved prospects for wheat; farmers say that wheat already headed too low to cut is stooing out from the roots and may afford a fair crop; ground in fine condition; prospects for corn very encouraging; largest corn acreage ever put in for years; grass fine; oats may make one-half crop, farmers all in good spirits since late rains.

E. H. Powell, agent Central Granaries Co., Almena, Kan., May 23: With favorable weather, will have almost a full crop of winter wheat and rye; rains of past two weeks have helped wheat out wonderfully; corn planting finished with exception of replanting where washed out by heavy rains; stand of corn A No. 1 and growing fast; wheat harvest will begin about June 25; first crop of alfalfa will be cut in about two days.

T. M. James, Burden, Kan., June 7: Eastern Cowley county just beginning to cut a crop of from 8 to 18 bushels of wheat, the hard variety being much the best; soft wheat much damaged by freezing, early lack of water and chinch bug; oats too big to estimate, 40 to 60 bushels

per acre; acreage up to usual planting; corn fine, but beginning to get very foul; abundance of moisture continues and fear is being entertained that its continuance will severely interfere with the harvest.

J. M. Miller, Kiowa, Kan., June 6: Some wheat being harvested; will be about the average crop in this township; oats and corn excellent; farmers are talking of 70 bushels of oats to the acre; having plenty of rain, in fact a little too much, but Kansas does not believe in doing things up in small packages; it is either the whole thing or none. In the vicinity of Wellington, considerable of the wheat was knocked out by a hail storm, which covered a territory of 7 by 25 miles and laid waste everything in its path.

Caney Grain Co., Caney, Kan., June 7: Acreage of wheat in this vicinity 10 per cent larger than last year; cutting wheat now on uplands, but that on bottom lands is all washed away by overflow of Caney River and tributary creeks; wheat getting dead ripe, and if weather will permit will probably get one-half or two-thirds of a crop from the higher lands, but nothing from the bottoms; oats and corn looking fine so far, but corn is getting weedy, as it rains so much they can not cultivate it, as it should be; oats ripening very fast and if saved must be harvested in the next week or ten days; had heavy rain on the morning of June 6; river is rising and we think it will be higher than it was last week, but it can not do much more damage, as about everything on the bottoms is washed away.

Secretary F. D. Coburn of the Kansas Department of Agriculture, on May 27, reported that 34.5 per cent of the winter wheat had been plowed up, and that the condition of the remaining 3,895,000 acres was 57.6; against 74 April 1. Rains since have improved the conditions several per cent. One-half the wheat area abandoned will be planted to corn. Corn planting was generally delayed somewhat on account of the backward spring, but the recent abundance of moisture, warmth and sunshine have resulted in a good stand and vigorous growth. Its cultivation is now being pushed, and its present condition for the state as a whole is 93.45. At approximately the same time last year its condition was 81.33; the year before, 93.2; and in 1899, when the yield was the second largest in the state's history, the condition was slightly above 90.

KANSAS LETTER.

H. D. Kuhn of Holton, Kan., made a business trip to Topeka last week.

Wm. Hedge of the firm of Hedge & Brown of Whiting, Kan., recently made a business trip to Topeka.

J. H. Cline of Concordia, Kan., recently attended the Grand Commandery Knights Templar in Topeka.

Perry Frazier, formerly of the firm Frazier & Thomas, Athol, Kan., has purchased elevator property at Dubois, Neb. Sam'l Garver of Valley Center, Kan., accompanied by his wife, left May 13th for a month's visit to his parents in Pennsylvania.

A. H. Bewsher, secretary of the Nebraska Grain Dealers Association, recently called upon a number of his Kansas friends.

W. W. Smith of Hollyrood, Kan., went to La Grange, Mo., to witness the graduating exercises of the class of which his daughter is a member.

W. A. Nye has recently returned to his home in Portis, Kan., after an extended visit at Excelsior Springs, Mo., for the benefit of his health.

S. N. Brown, formerly in the grain business at Clyde, Kan., accompanied by his wife, has left for New York, where they will make their future home.

A meeting of the local grain dealers in the vicinity of Seneca was held in that city May 13th. The meeting was well attended and much interest manifested.—A. M. D.

MICHIGAN.

C. A. Kern is building an elevator at Auburn, Mich.

A two-story elevator, 24 by 50 feet, will be built by the Ross Grain Co., at Beaverton, Mich.

The Mt. Clemens Health Food Co. has been organized at Mt. Clemens, Mich., with \$300,000 capital stock.

The Pierson mill at Evart, Mich., is being remodeled for an elevator and will be operated by Davy & Co.

The Odell bucket-shop at Grand Rapids, Mich., has been succeeded by the Grand Rapids Exchange Co., which, it is said, will build an elevator.

The Michigan Milling Co., of Ann Arbor, is refitting its elevator with a No. 9 Clip-

per Roll Bean Cleaner and an outfit of Clipper Picking Tables.

The Rockafellow Grain Co. of Carson City, Mich., is putting in another Clipper Roll Bean Cleaner with traveling brushes and dustless attachment.

Brownell Milling Co., Plainwell, Mich., June 6: Do not think we have more than one-tenth of an acreage; what we have looking the best it has for a number of years.

Leippraudt Bros., Pigeon, Mich., June 6: Wheat looks very good; if it has no setback, will harvest the best crop we have had in 20 years; acreage 95 per cent; condition 100 per cent.

W. J. Thomas of Schoolcraft, Mich., will move and reset his grain dump scales and make different arrangement. He wants the work undertaken by an experienced man, who can make plans, do the work perfectly and guarantee results.

J. D. Sherman, Paw Paw, Mich., June 6: Acreage of wheat, corn, rye, oats and beans fully up to last year or little above average crop; condition for all crops extra good, especially wheat, which is in very fine condition; have had plenty of rain; very flattering prospects for large hay crop.

The Sanitary My-Food Co. of Battle Creek, Mich., will erect a large three-story stone building at Marshall, Mich., in connection with the mill bought recently. Both the mill and the new structure will be covered with steel sheeting. Two large rotary ovens will be installed besides other machinery.

MINNESOTA.

W. W. Paton has bought the elevator at Redwood Falls, Minn., of Jesse Hill.

St. John Bros., of Heron Lake, Minn., are building a new grain office and coal shed.

The Peavey Grain Co. has selected a site for a wheat cleaning elevator at Hartle, Minn.

The Osborne-McMillan Co. of Campbell, Minn., is building a new drive-way to its elevator.

The Farmers Elevator Co. at Brownstown, Minn., has secured a site for its new storage plant.

The Northwestern Elevator Co. is re-shingling and repairing its elevator at Campbell, Minn.

The Atlas Elevator Co. will place the Evans Wagon Dumps in its new elevator at Minneapolis, Minn.

The Peavey Elevator Co. will equip its elevator at Lime Creek, Minn., with the Hall Grain Distributor.

Work is advancing rapidly on the elevator which the Interstate Elevator Co. is building at Rothsay, Minn.

F. W. Werdin, Glenwood, Minn., writes that the Farmers Elevator Co. of Barrett has just completed a new elevator.

The Hall Grain Distributor will be installed in the new elevator at Milroy, Minn., now being erected by the Younglove & Boggess Co.

The Independent Elevator Co. has given the W. S. Cleveland Elevator Building Co. the contract for a 30,000-bushel house at Kragness, Minn.

Honstain Bros. & Co. have the contract for the erection of two elevators for the Davenport Elevator Co. at Hardwick and Cloverdale, Minn.

The 1,200-bushel elevator which McGlin Bros. are building at Kinbrae, Minn., is the one of several which they intend to erect in that vicinity.

Honstain Bird & Co. will erect a 25,000-bushel cleaning house for the Echo Milling Co. at Echo Minn. The plant will be thoroughly modern in equipment.

The Finch-Parker Grain Co., of Tracy, Minn., has sold its line of elevators on the C. & N.-W. Ry. in Minnesota to the Eagle Roller Mill Co. of New Ulm Minn.

L. O. Hickok has contracts for a 20,000-bushel house at Beaver Creek for Skewis Moen & Co. and a 17,000-bushel house for St. Johns Bros. of Heron Lake, Minn.

The St. Anthony & Dakota Elevator Co. of Minneapolis Minn. recently let the contract for seven new elevators in North Dakota which will be equipped with Evans Patent Wagon Dumps.

J. R. Marfield of Winona Minn. who recently bought the Brooks interests in the Brooks-Griffiths Co. has been chosen president of the company and will hereafter make his home in Minneapolis.

Aug. Moses, agent, D. A. McDonald & Co., Cannon Falls, Minn., June 7: Crop outlook good; small grain in fine condition; more rain than needed; if rust don't set in will have largest crop in years.

T. S. Christie agent Osborne-McMillan Elevator Co., Campbell, Minn. May 27:

Crops looking fine; about the usual amount of wheat sown with less flax and increased acreage of oats barley and corn.

Geo. W. Hunt Brownsdale Minn. June 6: About 25 per cent less barley sown this year; 25 per cent more oats; about the same flax and corn; corn very backward on account of rain; timothy and wheat never looked better; plenty of moisture to mature all crops as soil can stand dry weather.

W. H. Annis, Campbell, Minn., June 7: Acreage of wheat 100 per cent, oats 110, barley 110, corn 120 and flax 75, all based on last year's acreage; crops of all kinds in excellent condition; have had about the right amount of rain and weather has been the very best; prospects up to the present time point to an excellent crop.

E. S. Woodworth is preparing to erect a concrete storage elevator of 1,000,000 bushels' capacity at Minneapolis Minn. His old elevator of 175,000 bushels' capacity at that place will be converted into a working house and around this will be built 33 tanks and bins. Mr. Woodworth expects to have the plant completed early this fall.

S. H. Blair, agent for Van Dusen & Co., Viola, Minn., May 24: On May 20, we were visited by rain and hail; hail stones fell that measured seven inches in circumference and rain fall was 2 1/2 inches in 25 minutes; crops on uplands are damaged 25 per cent, on bottom lands to the extent of 50 per cent, but with fair weather we could gain back one-half of this, leaving 37 per cent damage to full crop.

Fourteen of the elevators which the Spencer Grain Co. recently purchased from the Citizens Elevator Co., are located at Norwood, Eiscay, Glencoe, Buffalo Lake, Montevideo, Tintah, Watson and Wheaton, Minn.; Twin Brooks, Webster and Holmquist, S. D., and Blackmore, Tyler and Wild Rice, N. D. The company owns 44 other elevators at interior points which are operated in connection with its terminal house, elevator T, at Minneapolis.

MISSOURI.

The Farmers Co-operative Grain, Live Stock & Mercantile Association has been incorporated at Mayfield, Mo., with \$4,000 capital stock.

The elevator men at Kansas City are said to be behind the proposition to make all sales of grain at that place subject to local weights.

W. W. Powell, one of the best known of St. Louis cash grain men, is now manager of the receiving department of Sherry-Bacon Grain Co.

Missouri dealers should get together, organize, stop lending bags and paying more for grain than they can afford.

C. H. Smith, Deepwater, Mo., June 4: All crops extra good if they do not get ruined by rain; rains every day; wheat harvest just commenced.

R. S. Abbott, who is charged with selling for \$1,200 to Kansas City grain men, two cars of wheat which he did not own, was arrested recently in Duluth, Minn.

Baggerly & Reiderer are increasing the capacity of their plant at Slater, Mo., and making other improvements. They have bought a Constant's water-tight elevator boot.

The Missouri Grain Co. has been incorporated at Des Moines, Ia., with \$50,000 capital stock, to build and operate a storage elevator and cleaning house at Moberly, Mo. The company will have a branch office at Des Moines. N. Hodgson, president; John Jenks, treasurer, and F. J. Wright, secretary and manager.

Walter Vrooman of the Wheat & Flour Western Co-operative Co. of Kansas City, Mo., has purchased for \$750,000, six of the largest wheat elevators in the Kansas wheat belt and two large flouring mills. This company intends to build and purchase elevators throughout Kansas and Missouri. "The plan," Mr. Vrooman said, "is to eliminate wheat speculators and the middlemen. It is the only way to head off the talked-of flour trust that is forming in New York."

NEBRASKA.

O. L. Brown has succeeded Brown & Ducey at Chester, Neb.

G. W. Curyea & Son are preparing to move their elevator to a better site at Alvo, Neb.

The Nebraska-Iowa Grain Co. has succeeded the Tidball-Murphy Grain Co. at Sutton, Neb.

Trenmor Cone, formerly with the Updike Grain Co., has entered the grain trade at Wahoo, Neb.

S. J. Brown's new elevator at Fremont,

Neb., will be equipped with improved 6-in. 10-duct Hall Distributor.

During the absence of W. W. Kimberly, John Snider will act as manager for the Central Granaries Co., at Exeter, Neb.

Brownfield & Co. are planning to put in a new gasoline engine in their elevator at Cozard, Neb., in addition to improvements already made.

The contract has been let for an elevator of 35,000 bushels' capacity and machinery to handle 2,000 bushels of grain per hour, at Nelson, Neb.

R. H. Rankin of Cambridge, Neb., visited Holbrook recently and made arrangements to have his elevator at that point put in first-class condition for the coming crop.

The power house at the Spelts Elevator at Garrison, Neb., is being replaced by a new one, part of which will be used for storage. A gasoline engine will furnish power.

The Wells-Hord Grain Co. has been incorporated at Central City, Neb., with \$500,000 capital stock. Incorporators: Thomas B. Hord, James H. Nash, William Miller and others.

The Westbrook-Gibbons Co. has been incorporated at Omaha, Neb., with \$90,000 capital stock. Incorporators: Edward S. Westbrook, Charles C. George and Joshua P. Gibbons.

The farmers in the vicinity of Benedict, Neb., have organized a company to build an elevator at Benedict. D. W. Baker, president; Ralph Shily, secretary and W. C. Comkle, treasurer.

Wort Bros., Pleasanton, Neb., May 23: Late rains have made the fall grain look fine and insure us a good crop; oats a poor stand; corn planting late on account of rain; no grain in farmers' hands here.

The Jones Grain Co. will erect a new elevator at Julian, Neb., to replace the one burned some time ago. It will have a capacity of 10,000 bushels and cost about \$3,000. Power will be furnished by a gasoline engine.

R. D. McCoun, Craig, Neb., June 6: Crop condition in Burt county very flattering; corn clean and growing fine; wheat and oats a good stand, forward and seem to be in perfect condition; hay crop good; excellent prospect for all kinds of fruit except pears.

O. T. Campbell, Upland, Neb., June 4: Wheat looks fine with prospects for as good a crop as last year; good stand of corn which looks fine; farmers and dealers are jubilant at the outlook for a good all-around crop.

The Nebraska Grain Commission Co. has been absorbed by the Duff Grain Co. of Nebraska City, Neb. The new firm is under the same management as the old, E. A. Duff being treasurer and J. Von Gilmern, manager.

J. R. Anderson, agent Jacques Grain Co., Burnett, Neb., June 5: Fine prospects for crops here; rye will be harvesting within two weeks; winter wheat extra heavy and spring wheat and oats looking good; corn growing nicely.

Louis Spett's elevator at Ulysses, Neb., will be torn down and replaced by a 20,000-bushel structure and office. Power will be furnished by a gasoline engine. The proposed improvements will cost about \$3,000 or \$4,000.

A. C. White & Co., Friend, Neb., June 5: Crop conditions in this vicinity could hardly be improved upon; winter wheat promises a good crop; oats making great growth and corn in a splendid condition and growing rapidly; corn all cultivated once, and some the second time; fine rains last week and one this morning.

James E. Boyd, the ex-Governor of Nebraska and former member of the Board of Trade, who disgraced himself by engaging in the bucket-shop business, has evidently found the traffic less alluring since the Chicago Board engaged in its campaign of reform, having sold his Omaha "business" to the Christie Grain & Stock Co., a bucket-shop of Kansas City.

T. L. Carroll, Cozad, Neb., June 7: Acreage of fall grain in this territory nearly twice what it was last year and will amount to 60 per cent of the entire crop acreage for the year; 10 per cent of this ruined by fall cut worms; rest shows a condition of 100 per cent; rain last night on the grain now in the milk will finish the crop; corn seven to ten days late on account of late spring rains, which prevented the farmers from getting into the fields; young grasshoppers and chinch bugs making their appearance and will cut down the yield of oats and barley very materially; however, acreage of these grains is always small in this territory.

On the night of May 27, an elevator at Palmyra, Neb., belonging to William E. Hill, but operated by the Morton Grain Co. under the management of C. R.

Severs, was destroyed by fire. The elevator, corn cribs, 2,500 bushels of grain, warehouse and machinery were a total loss, which on building and machinery amounted to about \$2,000, and on grain to \$1,500. No insurance.

NEBRASKA LETTER.

J. E. Ritter, who formerly operated an elevator at Talma, died on May 23d, from dropsy.

Carrington, Patten & Co., of Chicago, have closed their Omaha office, and moved N. C. Hobart, who was in charge, to Dubuque, Ia.

E. E. Clancy, representing McReynolds & Co., at Omaha, will in the near future, remove to Kansas City to open an office for the same firm.

C. J. Miles of Hastings, a prominent grain man and mayor of that city, was recently elected captain of the militia company organized there.

C. A. Richey has purchased Dickson's interest in the firm of Richey & Dickson at Louisville, Neb., and will continue the business in his own name.

Cecil N. Gibbons, son of J. P. Gibbons, a member of the firm of J. P. Gibbons & Co. of Kearney, was recently married to Miss Effie F. Everson of Kearney.

The J. H. Hamilton Co., which operates elevators in Nebraska and Iowa, has moved its headquarters from the Board of Trade building to the Bee building, Omaha.

On May 31st an attempt was made to burn the elevator at Carroll, Neb., recently erected by the Carroll Grain Co. The attempt was evidently a deliberate one, as a barrel of shavings had been placed immediately beneath the grain spouts, and set on fire. Fortunately the flames were discovered before any serious damage had been done. No clue to the incendiaries has been discovered.

The monthly crop report for June issued by the Nebraska Grain Dealers Association shows the condition of wheat in Nebraska, to be 90.4 per cent, compared to 83 per cent on May 1. Condition of oats 96 per cent, compared with 73 per cent on May 1. Replies indicate that practically all corn had been planted previous to June 1. All of the crops in this section look especially well, and with anything like favorable weather Nebraska will raise as much, if not more wheat than it did last year, and the last crop was the largest in its history. Corn is an excellent stand.—E. C.

NEW ENGLAND.

Hussey & Goldthwaite will build a grain elevator and mill at Milo, Me.

Norton & Warren, commission merchants of Warren, Mass., have purchased and will operate the grain mill formerly owned by the late Elmer Gould.

Thomas D. Heathfield, the oldest active member of the Boston Chamber of Commerce, and one of the oldest grain dealers in New England, on the 80th anniversary of his birth recently was presented with a purse of gold by his fellow-members of the Chamber.

D. C. Holmes of Brockton, Mass., has purchased the grain and coal business of Edwin H. Lathrop at West Bridgewater. The purchase includes two acres of land, grain elevator, hay and coal sheds and a large amount of coal. Mr. Lathrop, after eight years in this line of business, retired on account of ill-health.

NORTHWEST.

E. G. Burgess & Co. will erect an elevator at Edmore, N. D.

P. Vandenoever is planning to erect an elevator at Minot, S. D.

The Duluth Elevator Co. will build an elevator at Hanna, N. D.

The Russell-Miller Milling Co. will erect an elevator at Eldridge, N. D.

The Cargill Elevator Co. will build an addition to its elevator at Easby, N. D.

J. E. Carlton of Emery has purchased the elevator of Scott Logan at Sioux Falls, S. D.

The McCaull-Webster Elevator Co. has purchased the Chlodeck Elevator at Tabor, S. D.

Morgan & Colburn have succeeded Lehr & Burbeck in the grain trade at Springfield, S. D.

M. King of Utica, S. D., has bought of Vanosdell, Frick & Co., the elevator at Mission Hill.

Northwestern Elevator Co., Arthur, N. D., June 5: Crop conditions in Cass county are excellent.

L. O. Hickok has the contract for the erection of Hart & Manson's 25,000-bushel plant at Egan, S. D.

The Davenport Elevator Co. has let the contract to Honstain Bros. & Co. for an elevator at Ward, S. D.

The Northwestern Elevator Co. is building a new office and making various other improvements on its elevator at Arthur, N. D.

C. H. Stinson, who formerly bought grain for the Great Western Elevator Co., at Arthur, N. D., has taken up other business.

Plans are on foot for the forming of a stock company among the farmers at Chancellor, S. D., for the erection of an elevator.

The Farmers Elevator Co. of Clear Lake, S. D., will increase the capacity of its plant by erecting a large warehouse, 24 by 60 feet in size.

The Farmers Elevator Co. will build a \$3,500 elevator with a capacity of 25,000 bushels at Baltic, S. D., to be 30 by 30 feet and 45 feet high.

The Cargill Elevator Co. at Erie, N. D., has replaced its old engine with a new 12-h. p. Fairbanks Gas Engine. H. Nutting is agent for the company at that point.

D. A. Dealy, manager for the McCaull-Webster Elevator Co. at Yankton, S. D., has been notified of a promotion and will leave Yankton soon for a larger station.

A 36,000-bushel elevator, owned by the Imperial Elevator Co., at Mayville, N. D., was burned May 31, together with 500 to 600 bushels of wheat. The engine house was also badly damaged. Insurance, \$4,500.

C. E. LaBar, Hudson, S. D., May 28: Crops looking fine; wheat acreage 25 per cent less than last year; barley acreage 10 per cent more; corn 10 per cent more; corn planting completed and early planting up and good stand.

The Hawkeye Elevator Co. of Minneapolis, has purchased the six elevators formerly operated by Perry & Jones at Aberdeen, Plana, Grover and Eureka, S. D., and Oakes and Babcock, N. D. They will build lumber yards at Aberdeen.

The Gayville Elevator Co. of Gayville, S. D., has elected the following officers: President, C. Shepardson, Sr.; secretary, Ode Odland, and treasurer, Martin Johnson. A building committee consisting of John Aaseth and Chas. and Martin Shepardson, was also appointed, to build an addition to the elevator.

W. H. Williams, general manager of the National Elevator Co., upon his return from a trip through North Dakota recently, stated that in his opinion the wheat acreage of that state would be decreased at least 1,500,000 acres this year. He also estimates that farmers in that state hold only about five per cent of the last year's crop.

A farmers' mass meeting was held at Northwood, N. D., recently to consider the project of forming an elevator company and building an elevator. H. O. Tinglestead, Joe Williams and T. T. Ekern were appointed as investigation committee and on June 14 another meeting will be held.

F. M. Slagle & Co., Wakonda, S. D., June 7: Corn, which is growing nicely, occupies 60 per cent of the acreage; wheat, 30 per cent; oats, 10 per cent; wheat and oats are very heavy and promise a fine crop barring any mishap; general crop conditions fine; farmers could not have better prospects.

DAKOTA LETTER.

The Lidgerwood Mill Co. has completed a 30,000-bushel elevator at Lidgerwood, N. D.

Crops are good in South Dakota so far with prospects for a large grain business.

An elevator belonging to the Atlantic Elevator Co. was destroyed by fire recently at Fairmount, N. D.

J. M. Baker of Wolsey, S. D., will remodel his warehouse for an elevator and install new machinery, including gasoline engines.

Jones & Fry have sold their mill at Hankinson, N. D., to Even Jones of Wahpeton and will re-enter the milling business at Alberta, Canada.

Walter Bros., of Canton, S. D., who own a large share of stock in the Canton Grain Co., are planning to build a line of elevators in North Dakota this summer.

A. McKichan has bought the warehouse at Bonilla, S. D., of the Crown Elevator Co., and will remodel it for an elevator, installing new machinery, including a gasoline engine.

Siberz Bros. have purchased two elevators of W. B. Toby of Ethan, S. D., one of which is located at Ethan, the other at Mitchell. One of the brothers will conduct the business at Ethan and the other at Mitchell. Mr. Toby will enter the mercantile business.

The South Dakota Grain Co. has been

incorporated at Parkston, S. D., with \$50,000 capital stock. It has recently purchased nine elevators of the Canton Grain Co. for \$36,000 and is now owner of eleven elevators in South Dakota. John Doering will act as manager of the company, John Kayser as secretary and treasurer and Mr. Remfer will be general superintendent of the agents at local stations.—F. W. W.

NEW YORK.

The New York Cotton Exchange has taken action against bucket-shops.

Smith & Carr of Middlesex, N. Y., will install a new 24-h. p. gasoline engine in their mill.

Some drying grain in Sloan's malt house at Buffalo, N. Y., caught fire on May 29. The building was slightly damaged, but the 2,000 bushels of grain which was soaked had been taken from Wells Elevator and was damaged before, so loss is slight. Some days later another malt house was set on fire by grain from the same elevator and totally destroyed, together with about 100,000 bushels of malt, causing \$350,000 loss.

Competition among Buffalo elevators has been dead so long that the grainmen have forgotten there ever was such a thing. Of late the elevators in the pool have put up such a hot fight against one another for business as to make life a burden for the grain receivers by their pulling and hauling. Urged by different warehousemen, the buyer, the seller and the railroad each want the same shipment to pass thru different elevators. The profits of the pool are to be divided according to the amount of grain handled by each house.

The affairs of the New York Produce Exchange are in a more satisfactory condition than they have been for many years. This is largely due to the termination of the suit relating to the gratuity fund, to the purchase and cancellation of memberships under the new rule, and to adherence to the established rate of commission. The net surplus was \$117,102; against \$45,581 for the previous year. During last year \$630,000 was paid the families of 74 deceased members, making a total of \$8,990,000 so disbursed since the inauguration of the gratuity system in 1882.

BUFFALO LETTER.

Option trading on 'Change continues dull, as the conditions do not seem to favor future operations just now.

The winter wheat coming in is of better quality than formerly, so that quite an amount of it now grades No. 1 red, something not seen much of in a long time. It is said to come from somewhere in Indiana.

Buffalo runs a risk of losing her good Canadian wheat handling trade. Three British turret steamers, of a pattern not known here, are on the way over to run between Port Arthur and Canadian ports in Georgian Bay.

More winter wheat is in sight, wherefore the grain dealer rejoices, and Chief Grain Inspector Shanahan is handling a decided increase of corn lately. Possibly the prospect of a good corn crop is emptying the granaries on the back farms.

The May inspection of grain at the Merchants' Exchange shows a considerable increase over April, being 1,308 cars on track and 1,553 cars out of elevator, as against 1,082 cars on track and 1,433 cars out of elevator in May, a total increase of 346 cars.

When James Patten, the Chicago "oats king," came on 'Change on May 3d he behaved so modestly that nothing but compliments followed him eastward. "There is no wind in Jim Patten; that is one thing you can't say about some of the recent Chicago visitors on 'Change.'"

Complaint is made against the rule on 'Change making all spring wheat the same as Duluth spring and there is a petition asking the trustees to restore the distinctive Duluth grade. They will also be asked to modify the grades so that separate option trading in No. 2 red can be done.

Buffalo corn millers enjoy the privilege of milling in transit, something that the wheat millers have sought in vain. Late-ly the Boston & Maine Railroad imposed an extra charge of 6 cents per hundred on the Diamond Milling Co. for a car of ground corn and the company complained to the Inter-state Commerce Commission. A hearing was given here on it on May 31.

Canal men are able to note that there is a very uniform rate on grain to New York. Wheat pays 4 cents a bushel and not a cargo has gone at anything else during the season. A local paper has it that the canal is doing a record-breaking business, but the boatmen smile at any such

idea, as the fleet is too small now to make any such record. The rate is a paying one and that is all that should be said of the business.

The grain firm of Watkins & Anderson, which has done a big business on 'Change since its formation some years ago, has broken into two parts, as Mr. Anderson wished to bring his brother, Simon, Anderson, into the business. Mr. Watkins will retain the present office on the eighth floor and will operate as Watkins & Co., probably with a silent partner, and the Anderson firm will locate on the seventh floor as H. G. Anderson & Co.

Glad to find that the Buffalo grain route is all right after all. The increased size of lake cargoes gives local wiseacres the idea that the business in lake grain was dead, because there has not been a cloud of vessels in port all the time, yet it is found that more flour, 1,330,247 packages, than ever before to date has been handled, and that with less corn in sight than in a long time the grain receipts are 25,187,000 bushels, which has been exceeded only half a dozen times.

It seems to be settled that wet malt is not worth much. The Manning malt house, which burned on the 30th, had 219,000 bushels of malt in it, worth 82 cents a bushel when sound, but it sold on June 5th for \$6,000, or less than 3 cents a bushel. The underwriters at first refused to entertain a bid of less than \$10,000, but found that they could not get as much. It is said that unless the buyer can find considerable dry malt in the ruins he will hardly make any money out of it. The malt was owned by Nester of Geneva, N. Y.—J. C.

OHIO.

C. H. Weaver of Cecil, O., is contemplating the erection of a large grain elevator at Jewell, O.

The foundation for Mr. Maxwell's elevator at Kirby, O., is laid and work on the building will soon begin.

A. Pfeifer & Son of West Milton, O., expect to put in a larger sheller and make various changes in their corn machinery.

"ALL ABOARD" for the annual meeting of the Ohio Grain Dealers Association at Hotel Victory, Put-in-Bay, O., Thursday and Friday, June 19 and 20th.

S. E. DeWolfe of Marion, O., is overhauling his grain elevator and installing a Traveling Brush and Dustless Clipper Cleaner.

Ed Santo, Toledo, O., June 3: Prospects for large corn crop in northern Ohio very good; large acreage planted and corn looking well.

A. Pfeifer & Son, West Milton, O., June 4: Wheat will make an average crop, though short in straw; light crop of oats; large corn crop.

A. A. Penny of Gettysburg, O., has given A. H. Richner the contract for the repairing of his elevator plant, and a full line of new machinery.

Anderson & Schaffer, Hamilton, O., June 6: Growing wheat never looked better; usual acreage; will have a "bumper" crop if nothing happens to it.

The Toledo Produce Exchange has amended its rules to provide for the delivery of No. 3 white instead of No. 2 mixed oats on contracts, for the crop of 1902.

The Standard Grain & Hay Co. at Haviland, O., under the management of George Sinn, has been making improvements in its elevator and installing needed machinery.

Campbell & Everett, successors to J. K. Campbell & Son, at West Milton, O., have opened their new elevator which replaces the one burned at that point several months ago.

H. P. Deuscher & Co., Hamilton, O., June 6: Condition of growing grain first-class; have never seen grain looking better than it does now; prospects favorable for an immense yield.

Cecil Grain & Lumber Co., Cecil, O.: Please discontinue our advertisement of engine wanted in the Grain Dealers Journal. We are getting more letters on the subject than we care to answer.

The Buckeye Elevator Co. of Continental, O., writes: The elevator at Ottawa is putting in new machinery and a feed grinder. S. Slauson will retire and Wm. Spencer will take charge of the elevator.

Magee & Paffenbarger, the enterprising grain dealers at Edmore, O., have placed their order for a No. 0 Western Sheller and Cleaner to be used in their new house at Oak Harbor, Ohio.

The Elmira Elevator Co. of Elmira, O., has the foundation laid for its new house, which will be begun soon. Steam power

will be used and the company has purchased a 50-h. p. engine and 60-h. p. boiler.

Ground has been purchased at Bowling Green, O., and a large elevator will be erected on the C. H. & D. road. Those interested are Hon. L. C. Cole, Hon. J. R. Hankey, W. H. Millikin and Dr. F. W. Rogers.

J. L. Stoner, Green Spring, O., June 5: Wheat looking well, better than last year at this time; harvest about usual time with us; large acreage of both corn and oats; oats looking fine; corn about all planted; stand good but not very high yet; hay crop about average.

The 25,000-bushel elevator which Cruickshank Bros. are building at McComb, O., will be equipped with a complete line of machinery, including a No. 1 Western Sheller and Corn Cleaner, a No. 5 Monitor Warehouse Separator, overhead dump, Fairbanks Scales, a 40-h. p. engine and steam boiler.

Albert Dill, Mason, O., June 4: Wheat heading very short and uneven; heads very small; straw falling considerably; does not seem to have much root; corn looks fairly well, some very well and some just coming up; good deal complaint of cut worms; do not think will have over 65 per cent of wheat crop with favorable weather from now on.

The Union Elevator Co. has been incorporated at Cleveland, O., with \$50,000 capital stock, to own and operate the Union Elevator, which until his death about a year ago, was conducted by M. B. Clark. Officers of the new company are: John Teagle, president; Frank C. Rae, vice-president and manager; C. G. Clark, secretary, and O. W. Trapp, treasurer.

In connection with the meeting of the Ohio Grain Dealers Association at Put-in-Bay, June 19 and 20, a meeting of the officers and policy holders of the Ohio Grain Dealers Mutual Fire Insurance Association will be held to listen to a report of the progress which has been made by the new company, and to discuss plans for increasing its line of risks, amounting now to \$200,000.

Carr Milling Co., Hamilton, O., June 6: Growing wheat crop here looks exceedingly well, better than last year or for several years past; never had better prospects; wheat heading out with large heads; with favorable weather it will be well filled; acreage 10 per cent more than last year; we will certainly be in good condition next year to compete with any section in the flour trade.

Every reader of the Journal in Ohio should urge his neighbor to go with him to the annual meeting of the Ohio Grain Dealers Association. It is a very important meeting, and no dealer can afford to stay at home. If any regular dealer has failed to receive notice of the meeting it is only because his address has been incorrectly given to Secretary McCord, or because the list was not complete. All are invited.

The Knickerbocker Maize Co. is being organized to engage in the manufacture of corn goods. Now that the older mills have been gathered into the American Hominy combination, thereby guaranteeing profitable selling prices, a splendid opportunity is afforded for a moderately capitalized and well managed corporation to engage in the business. Paddock, Hodge & Co., one of the leading grain commission firms of Toledo, and other capitalists of the Ohio city, are subscribers to the \$125,000 stock. Big dividends are assured.

The June 4 crop report of the Ohio State Board of Agriculture shows that wheat has improved one point and is now rated at 75 per cent of a full average crop, compared with 74 per cent in May and 89 in June, 1901. The report says that an average wheat yield for Ohio is not possible now, as the area sown is 150,000 acres less than last year. If three-fourths of a crop is realized, the greatest of present prospects will be realized. Other crops are as follows: Winter barley, 79 per cent; spring barley, 82 per cent; rye, 81 per cent; oats, 81 per cent.

The 23d annual meeting of the Ohio Grain Dealers Association will be held at Hotel Victory, Put-in-Bay, O., Thursday and Friday, June 19 and 20. To Sandusky and return a fare of \$1 has been granted by the Columbus, Sandusky & Hocking Railroad. Tickets will be sold on the train. Most of those attending the meeting will ride on train No. 4, leaving Columbus at 11:45 a. m., June 18, and arriving at Sandusky at 3 p. m. The train will stop only at Delaware, 12:25; Marion, 1:02; Bucyrus, 1:33; Attica, 2:07; and Bellview, 2:33. The steamboat fare from Sandusky to Put-in-Bay and return is 50 cents, and the leaving time 3:30 and 4:45 p. m. Steamers also

leave Toledo at 9:15 a. m. and 10:00 p. m. All in attendance can secure first-class accommodations at the headquarters hotel, where the rates are \$2.50 to \$4.50 per day. All regular grain dealers are invited to come, together with their families or sweethearts. The Winter Wheat Millers League, composed of millers from all of the winter wheat states will hold its annual meeting at the same place and time, and as many members of the Grain Dealers Association are also millers the meeting will have a double interest for them. No special program has been prepared, but the business meetings will be full of interest and the social feature of great pleasure. No regular dealer can afford to miss this meeting. Those who contemplate attending should so advise Secretary J. W. McCord, 358 North High street, Columbus.

OHIO LETTER.

Haltz Bros. of Watson are building an elevator which will be ready for the next crop.

Fremont dealers: Wheat in fine condition, coming out in head; clover fine; oats and corn both a large acreage and doing well; will be good crop of hay; plenty of moisture.

W. E. Wolf of Fremont has bought the Vickery Elevator and is putting it in first-class condition to handle the new crop. A new gas engine and sheller, cleaner and feed grinder will be installed.—C. A. B.

PACIFIC COAST.

To induce Lycan of Battle Creek, Mich., to establish a plant for the manufacture of rolled oats at Bozeman, Mont., Nelson Story has offered to furnish a free site.

Work is soon to begin on the plant of the Pacific Starch Co., at Tacoma, Wash. The factory will have a capacity of 800 barrels daily. Alfred O. Crozier is president of the company.

Jake Smith and Thomas Lakin have purchased a controlling interest in the Farmers Warehouse at Spokane, Wash., and will buy wheat. They are also building an elevator of 60,000 capacity at Harrison, which will be conducted in connection with the one at Spokane.

The Riverside Mill Co. of Riverside, Wash., will build a large elevator. The company will also put in new machinery for a 150-barrel mill, and a wheat cleaning equipment, spending in all about \$15,000. J. W. Stevens of Dayton is manager for the company.

F. W. Kettenbach is arranging to enlarge his warehouse at Kendrick, Idaho, by erecting a 30x300-foot addition. The Balfour-Guthrie Co. of which Mr. Kettenbach is a member, will also enlarge its plant at Sweetwater by a 100x40-foot addition and the one at Lapwai by a 50x40-foot addition.

PENNSYLVANIA.

Henry F. Roberts, dealer in grain and feed at Philadelphia, Pa., and also a member of the Commercial Exchange, died May 18, at his home in Merchantville, N. J.

SOUTHEAST.

E. A. Whittington, Durant, I. T., June 7: Excellent prospects for oats and wheat; fair for corn.

B. F. Bradford of Glasgow, Ky., is building a 5,000-bushel elevator to be equipped with entirely new machinery.

B. F. Bradford, Glasgow, Ky., May 28: Wheat crop short in this district; corn crop looking nice for this time of year.

J. Bolgiano & Son, Baltimore, Md., are putting in a No. 7 Brush and Dustless Clipper Cleaner for handling seeds and onion sets.

George W. Brown has bought a controlling interest in the Choctaw Elevator at Memphis, Tenn. The elevator will be used to a large extent in handling the grain of the west over the Frisco and Rock Island roads.

John Hyde, statistician of the Department of Agriculture, reports the condition of cotton May 26 as 91 in North Carolina, 97 in South Carolina, 94 in Georgia, 100 in Florida, 92 in Alabama, 94 in Mississippi and 100 in Tennessee.

A fire at Georgetown, Md., recently destroyed a large grain warehouse containing about 9,000 bushels of wheat and a quantity of lumber. The steamer Marion, owned by Capt. Andrew Woodall, to which about 7,000 bushels of wheat had just been transferred, was also burned. Total loss, \$30,000.

We are indebted to N. S. Graves, secretary of the Memphis Merchants Exchange,

for a copy of his annual report of the trade and commerce of Memphis for 1901. This neatly printed pamphlet of 52 pages contains a list of the officers and directors and members of the Exchange, the address of President R. L. McKellar, report of Secretary Graves, and a summary of the grain, cotton and lumber trades.

The Statesville Flour Mills, Statesville, N. C., one of the largest plants of its kind in the South Atlantic States, will build a two-story brick warehouse 82 by 100 feet for the storage of flour and feed, and a 25,000-bushel elevator, which will be thoroughly equipped for loading and unloading grain. The plant, as it is, has a daily capacity of 200 barrels of flour and 1,200 to 1,500 bushels of meal.

A large storage plant and elevator of practically fire-proof material and costing about \$110,000, will be erected soon at Memphis, Tenn. In connection with the elevator, the company will own a wharfoat at which the large steamers will stop. Those interested in the enterprise are W. Eldridge, G. W. Marrae, J. M. Hill, E. McHenry, E. L. Memager, Percy H. Patton and W. G. Stewart. Mr. Eldridge will act as secretary and treasurer and Mr. Patton, general manager.

SOUTHWEST.

Henry Gueydan is interested in the building of a large rice mill at Gueydan, La.

A. D. White, formerly of Goodell, Ia., has purchased T. Donahue's elevator at Tonkawa, Okla.

P. H. Pelkey has recently completed a 5,000-bushel house for Davis & Vivilott at Tyner, Okla.

Winston and Henry Jones of Mobile, Ala., think of erecting a 2,500-barrel rice mill at Crowley, La.

The Rayne Rice Milling Co., Ltd., of Rayne, La., is building an 800-barrel mill. R. C. Webb is president of the company.

A bill providing for state grain inspection of grain has been introduced in the Louisiana legislature, with good chances for passage.

The Hunter Milling Co. is erecting a 1,200-barrel rice mill at Crowley, La. W. H. Hunter, Jr., is president and manager of the company.

The Planters Rice Milling Co., of which D. L. McPherson is secretary and manager, are building a rice mill of 1,200 barrels capacity at Abbeville, La.

The Jennings Rice Milling Co. of Jennings, La., C. H. Morse, president, and the Roanoke Rice Milling Co. of Roanoke, La., are erecting 800-barrel mills.

The Oklahoma Mill & Elevator Co. has been incorporated at Okeene, Okla., with \$50,000 capital stock. Incorporators: E. A. and G. W. Stevens, W. S. and C. L. Power, and J. A. Robert.

The condition of cotton on May 26 is reported by John Hyde, statistician of the Department of Agriculture, to have been 96 in Louisiana, 95 in Texas, 100 in Arkansas, 96 in Oklahoma and 99 in Indian Territory.

F. P. Tutvove, of the Kansas City Board of Trade, who for many years has been associated with John I. Glover, will take charge of the exporting house of B. F. Glover & Son, at New Orleans, La., and John I. Glover will go to Kansas City to continue the work there. The death of B. F. Glover is the cause of this change.

R. McMillan, chief inspector of the New Orleans Board of Trade, reports that the exports from New Orleans during May amounted to 1,111,765 bushels of wheat, with no corn and no oats; compared with 678,974 bushels of corn, 1,693,678 bushels of wheat and 263,759 bushels of oats exported during the preceding May.

J. E. Farrington & Co., Kingfisher, Okla., June 5: Our section of Oklahoma will harvest another good wheat crop this season; harvest will begin about June 10; if weather continues dry, new wheat will begin to move about June 25; feed crops in good condition; with favorable weather our territory will have an abundance of corn and oats.

At the request of certain export grain dealers of New Orleans, Kansas City and Chicago, the New Orleans Maritime and Merchants Exchange has undertaken to inspect grain. Seven members will constitute a grain committee, which committee shall appoint an inspection committee of three, who will supervise the work of the inspectors to be employed. Certain grain exporters have agreed, after July 1, to receive, deliver and sell from New Orleans under no other inspection than that of the Maritime and Merchants Exchange.

TEXAS.

U. R. Field of Howe, Tex., is building a grain warehouse at Prosper.

The Platt Rice Mill of Bay City, Tex., will expend \$25,000 in erecting additional buildings.

E. M. Phelps has completed his new Fairbanks Wagon Scale at Prosper, Tex. Work is progressing on the new elevator at Sanger, Tex., although delayed some by wet weather.

T. H. Thompson will erect a 500-barrel flour mill at Houston.

O. H. Black has erected a 20,000 bushel elevator at Leonard, Tex.

Blum Roller Mill Co., Blum, Tex., will build a 20,000-bushel elevator.

J. W. Erwin has re-engaged in the grain business at Pilot Point, Tex.

Hill & Webb, McKinney, Tex., will put in a 60-h. p. engine and a 90-h. p. boiler.

T. H. Thompson, Houston, Tex.: Rice acreage larger than ever before; condition fine.

Modern elevators with dumps for receiving grain make sack renting unnecessary.

Do not start new oats too high. How much will you start them at? Let us hear from you.

The Bayou Rice Milling Co. of Houston, Tex., with W. C. Gilmore as manager, is erecting a rice mill.

Clean your grain storehouses and whitewash all inside walls if you do not wish to invite weevil and grain beetle.

Mr. Ellis, a brother-in-law of Mr. Gregory, of the Hillsboro Brokerage Co., is attempting to do a grain business at Gilmer, Tex.

C. McD. Robinson, chief inspector of the Galveston Board of Trade, has returned to Texas from a visit to the Pacific Coast.

Are the laws of Texas favorable to loans on grain? If not does the dealer pay a higher rate of interest for money borrowed?

The Bay City Rice Milling Co. and the Eagle Lake Rice Milling Co. of Bay City and Eagle Lake, Tex., are building 1,200-barrel mills.

The Houston Rice Milling Co. of Houston, Tex., has commenced work on a 1,000-barrel mill. Bryan Heard is president of the company.

J. J. Olson & Son, coal miners of San Antonio, Tex., are engaging in the grain and hay business, and soon will complete a new warehouse.

Allen L. West of Waco, Tex., has been at Hot Springs, Ark., for some time, the precarious condition of his health forbidding his return to business.

The J. P. Cunningham Co. has started in the grain business at McGregor and Walnut Springs, Tex., and joined the Texas Grain Dealers Association.

H. H. Henry and R. L. Brogden under the firm name of Henry & Brogden have succeeded C. F. Moore in the grain and brokerage business at Bryan, Tex.

W. E. Dupree of the Dupree Commission Co., Waco, Tex., applied for relief from his debts in bankruptcy proceedings recently, but his petition was denied.

E. M. Phelps, Prosper, Tex., June 3: Wheat will be about all harvested this week; will begin to cut oats and wheat in a few days; crops looking well so far.

The Lewisville Roller Mill & Elevator Co. has been incorporated at Lewisville, Tex., with \$10,000 capital stock. Incorporators: J. N. Kealy, S. A. Kealy and B. L. Spencer.

Earl Rubush, Sanger, Tex., May 23: On account of recent rains wheat and oat crops will be much larger than was at first expected; corn and cotton never looked better than now.

Smith & Baker, Rockwall, Tex., June 5: Wheat being threshed and making about 15 bushels to the acre; corn looks well, but is suffering for rain; if we do not have it in a few days crop will be short.

W. K. Morrow of Houston, Tex., is interested in the organization of the Lane City Rice Milling Co., with \$30,000 capital stock at Lane City, Tex. When organized the company will build a 500-barrel rice mill.

The export grain handling facilities at Galveston, Tex., recently were inspected by a party composed of M. H. Bennett of the Calumet Grain & Elevator Co., of Chicago, C. A. Dayton and J. K. Davidson of Kansas City.

The first of this season's oat crop to be marketed at Cleburne, Tex., was delivered May 23 by W. E. Aiken from below Rio Vista. J. R. Nall purchased the grain for 40 cents, the best opening price for oats in many years.

A 25,000-barrel mill, four stories high and 50x60 feet, a warehouse, 200x200 feet, one

story high and a cleaning warehouse, 80x150 feet, one story high, will be erected by the Raywood Rice, Canal & Milling Co. at Raywood, Tex.

C. McD. Robinson, chief inspector of the Galveston Board of Trade, reports that between Sept. 1, 1901, and June 1, 1902, the exports of wheat amounted to 4,453,405 bushels; compared with 10,563,280 bushels for the corresponding period of 1900-1.

Secretary Dorsey of the Texas Grain Dealers Association reports that the following parties have refused to submit to arbitration: J. B. Greer, Pittsburg; Goldsmith & Poindexter, Alvarado; R. A. Graham & Co. of Minnesota and Fore Grain Co. of Palestine.

E. H. Crenshaw, former secretary of the Texas Grain Dealers' Association, and for more than 20 years actively engaged in the grain trade in Texas, has started in the grain business on his own account, with headquarters at Fort Worth, under the firm name, E. H. Crenshaw & Co. Amole warehouse and other facilities for handling on commission consignments of grain and hay have been provided.

A recent decision of the Texas Court of Appeals has again pronounced the anti-trust law of that State to be unconstitutional. All three laws of this kind in Texas have now been declared invalid, and the State where this element of Populism has been so strongly in evidence is, for the time being, at least, no longer an anti-trust State. The decisions have come at a fortunate crisis in insurance affairs.—Insurance Monitor.

WISCONSIN.

The J. L. Ross Co., of West Superior, Wis., has repaired the elevator recently installing the Hall Grain Distributor.

C. W. Kuehn will rebuild his elevator which was burned a short time ago at Horicon, Wis., as soon as the site can be prepared.

The Goodwin-Harries Co. of Chicago has purchased a No. 29 Double-Blast Clipper Cleaner for the Sturgeon Bay, Wis., seed elevator.

The Osceola Mill & Elevator Co. has been incorporated at Osceola, Wis., with \$50,000 capital stock. Incorporators: C. C. Ladd, J. H. Brandt and Frank O. Nagler.

Mr. Tallmadge has purchased the entire stock of the grain commission firm of S. W. Tallmadge & Co. at Milwaukee, Wis., and will continue the business in his own name.

A fire at Chippewa Falls, Wis., May 20, caused Clark & Taylor \$10,000 loss in grain, hay and coal, and the Northern Grain Co. \$500 loss in grain. Neither company had much insurance.

The Milwaukee Chamber of Commerce on June 9 changed its hours of trading, to open at 9 and close at 2:30. The close on Saturdays will be at 1:15 and on government report days at 3:30.

T. S. Hawley & Co., Platteville, Wis., June 6: Never had finer prospects; everything looks like a garden; corn and oats our principal crops with greatly increased acreage, on account of failure of clover; look very fine.

Three grain warehouses and their contents, owned by Henry Doering, James Gallagher and W. H. Burmeister, were totally destroyed by fire not long ago at Gratiot, Wis. They caught from a depot, which was struck by lightning. The loss greatly exceeds insurance.

S. G. Courteen of Milwaukee is erecting an elevator and seed cleaning house in connection with a warehouse containing 65,000 square feet. The elevator will be equipped with sixteen separators and two chests of revolving screens, four reels in each, and in connection therewith will be the necessary elevator legs, dust collecting system, etc. A 50-h. p. gasoline engine will be installed to furnish the power. The plans were made by Fred Grotenrath, the elevator builder and general millwright contractor of the same city, who also received the contract to execute the work.

Too much lubricating oil is as bad for a gasoline engine as too little. The surplus oil flows back into the combustion space, where the intense heat turns it into a sooty gum. The gum gets on the piston rings, causing them to stick in their grooves. The soot will clog the exhaust valve and the exhaust muffler plates, causing loss of power from back pressure. Igniting points also are coated over by the deposit.

THE SUPPLY TRADE

The Shawn Gas Engine Co. is being formed at Springfield, O.

The E. L. Gates Mfg. Co., Chicago, has removed to new quarters at 72 South Canal street.

The Davis Gasoline Engine Works and the Waterloo Gasoline Engine Works, of Waterloo, Ia., will be consolidated.

Moulton & Evans, of Minneapolis, Minn., recently shipped two carloads of their Evans Patent Wagon Dump to Manitoba.

The E. A. Bryan Co., manufacturer of steel grain storage tanks, has removed its Chicago offices from 4642 Drexel boulevard to 414 First National Bank building.

The Case Mfg. Co., Columbus, O., has acquired the patterns and good will of T. B. Woods & Sons, and has begun the manufacture of the Cyclone Corn and Cob Crusher.

The Hall Distributor Company of Omaha, Neb., reports a continuance of liberal patronage from the elevator trade for the improved grain distributor, each month showing an advance in sales.

The Union Iron Works Co., of Decatur, Ill., now is represented at Toledo, O., by the Pittsburgh Steel Shafting Co., which carries a complete line of samples of the Western Shellers and Cleaners at its warerooms, 242 and 244 Water street.

The Steel Storage & Elevator Construction Co., of Buffalo, N. Y., in order to complete its contract for the immense new elevator at Montreal, Que., on time, has found it necessary to obtain steel plates from Germany and beams from Scotland.

Jeffrey Screens are very handsomely illustrated in the new catalog No. 69 on the Jeffrey Manufacturing Co., Columbus, O. The testimonials received by the company from manufacturers who have used the Columbian Vibrating Screen are very flattering.

The Hess Warming & Ventilating Co., which makes the Hess driers, reports recent successes in this line among Canadian millers, one of the latest being

a large machine just completed for the Tillson Co., Tilsonburg, Ont. Additional machines for the toasting of flaked foods have just been placed by the Hess Company in the plants of the Sanitas Nut Food Co., The Malt-Too Flake Food Co., Tryabita Food Co., and the Hibbard Food Co., all of Battle Creek, Mich.

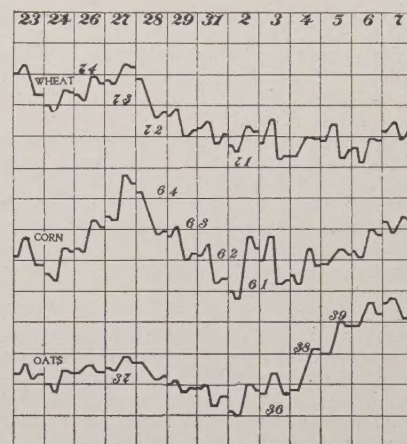
The B. S. Constant Co., Bloomington, Ill., now has a new conveyor chain on the market which is 400 per cent stronger than No. 77 M. O. chain, which is to be used exclusively in the Constant Grain Feeder and not cost the trade any more, which is a point to be considered. It will not only outwear the other chains commonly used, but will carry larger capacities and will carry on an incline the same as on the level, which is another great advantage. The trade will be supplied promptly. To facilitate the installation of the feeder a reversible iron tightener frame has been added.

We take pleasure in calling the attention of our readers to the advertisement of the old and well-known firm of J. H. Dole & Company, receivers and commission merchants at Chicago, which appears for the first time in this issue. J. H. Dole & Company are among the largest grain receiving houses doing a strictly commission business on the Chicago Board of Trade, and are probably the oldest company in this branch of trade, having been continuously engaged in the business for just fifty years. We recently referred in these columns, under date of February 25th to the long and honorable career of James H. Dole, the founder of the company, and to his distinguished services in the interests of the grain trade and of the city of Chicago. The business he established and so long and successfully conducted is

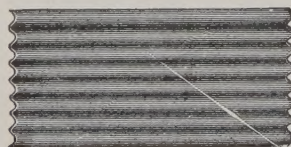
now being carried on by his eldest son, George H. Dole, a thoroughly practical and experienced grain merchant, and by H. N. Sager, who has been for fifteen years actively engaged in the grain trade. In connection with the grain receiving business they also do a large trade in the speculative markets, on margins, for their clients, and have experienced and alert traders in the pits to look after their customers' interests.

Prices at Chicago.

The opening, high, low and closing quotations on wheat, corn and oats for the July delivery at Chicago for two weeks prior to June 9 are given on the chart herewith. The quotations of oats after April 12 are the new standard.



COVER'S Dust Protectors.
 Rubber Protectors, - - \$2.00
 Metal " - - 1.50
 Sent POSTPAID on receipt of price; or on TRIAL to responsible parties. Have AUTOMATIC VALVES and fine sponges.
H. S. COVER
 153 Paris St., South Bend, Ind.

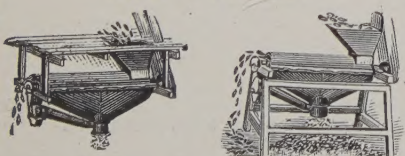


WE ARE LARGE MANUFACTURERS OF
Steel Roofing, Corrugated Iron, Etc.

We furnish this material in large quantities for grain elevators all over the country. We also take contracts for doing this work complete.

SYKES STEEL ROOFING CO., CHICAGO, ILL.

The Original
"TRIUMPH" Sheller
 Made of All Iron and Steel. Runs Either Way
TWO STYLES.



NO. 1.

NO. 2.

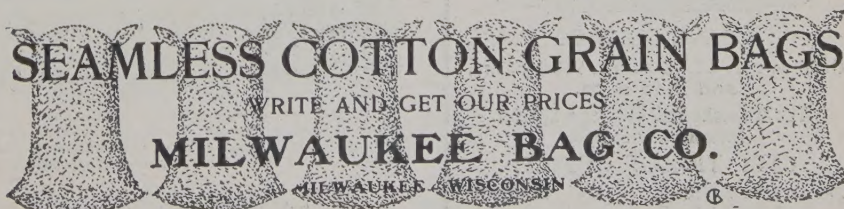
Shells corn either wet or dry entirely clean from the cob. Sold on a strict guarantee.

HORTON MFG. CO., Painesville, Ohio.

FAIRWEIGHT STANDARD SCALES

Now is the time to get ready for the coming business and the large crop that is sure to be marketed. Put in new up-to-date SCALES and be up with the times. The Reliable Fairweight Standard Scales are all that the name implies. Made expressly for the grain buyers' use, in styles to meet all requirements. Wagon, Hopper, Dormant and Truck Scales. Also any special Scales made to order. Write to us and tell us your requirements and we will be pleased to name you prices. If you want the best scales on the market to-day, address

THE FAIRWEIGHT STANDARD SCALE CO. Incorporated.
 20, 22 and 24 Franklin St., Danville, Ill.



Grain Men's Outing at Fairmont, Minn.

Fine weather favored the grain dealers who attended the outing at Amber Lake, Minn., on Saturday, May 24. The fishing was excellent, Col. Stilwell catching the first one and Lieut. J. R. Dalton the largest, a 15-pound pickerel. Maj. C. E. Bennett hooked the second largest, while Mayor Stowe landed the smallest, and returned it to its native element.

The proceedings began with a cake-walk in which the contestants were President H. Rippe and E. C. Stowe, Steve Dalton and Dan Getchel, J. R. Flemming and J. R. Dalton, who won the first and second prizes in the order named.

Music was furnished by Prof. Krahmer's orchestra.

Hatch, Dalton, Getchel and Flemming rode the crowd in sedan chairs in oriental style.

The quartet, Dalton brothers, Flemming and Getchel, rendered soul-stirring songs, while Hine sang "Have I Not Been Kind to Thee?" and Auten the solo, "My Old Gray-Haired Mother-in-Law, Ten Thousand Miles Away."

The greatest event was the performance of the Dago bear tamer, B. J. Dunn, with new and striking variations.

Wally Hyde thought fishing would be good at 2 a. m. and got Steve Dalton to row him around the lake. They returned about 5 a. m. greatly disappointed, having caught 2 small bullheads.

Everybody was pleased to see A. F. Brenner and Dan Getchel enjoying themselves. These gentlemen have not attended many outings of the grain dealers, but they had such a good time this time, that prospects are good for their attendance at all future gatherings.

Besides a few invited guests the following grain men were present: Chas. Auten, Jackson; Ed Babcock, Winnebago; C. E. Bennett, La Crosse, Wis.; Geo. Beck, Odin; E. L. Bickford, Fairmont; A. F. Brenner, Minneapolis; Wm. Buttschau, Wm. Cronin, Fairmont; J. R. Dalton, Steve Dalton, Chicago, Ill.; B. J. Dunn, Armstrong; Geo. Fowler, J. B. Frase, Fairmont; J. R. Flemming, Arm-

strong; Dan Getchel, Minneapolis; W. B. Hatch, Minneapolis; Julius Hoeffel, Jackson; H. Rippe, W. R. Hyde, G. F. Hine, Fairmont; Oscar Johnson, H. C. Kruse, Welcome; Gus Krumholz, C. F. Livermore, Fairmont; Gus Lehman, Granada; J. B. Meigs, Milwaukee; H. Noben, E. C. Stowe, Fairmont; M. Rosenstein, Chicago, Ill.; J. W. Stillwell, Peoria, Ill.; and Thos. Waddick, Minneapolis.

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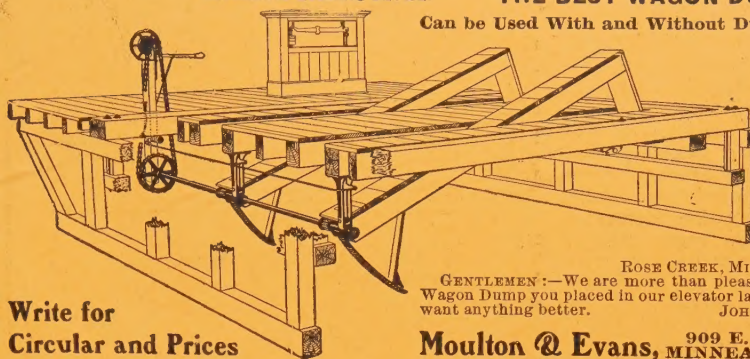
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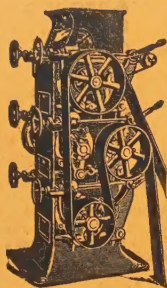
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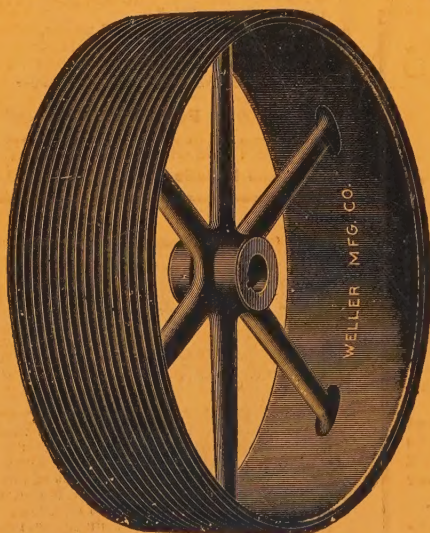
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